

Converting Colors

XYZ(87.4691, 94.3233,
105.2849)

Have a look what the booklet for
XYZ(87.4691, 94.3233, 105.2849)
contains.

| | |
|--|----|
| XYZ(87.6645, 94.3734, 105.6909) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(87.6645, 94.3734,
105.6909)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EFFBFC |
| RGB | 239, 251, 252 |
| RGB Percent | 94%, 98%, 99% |
| CMY | 0.0627, 0.0157, 0.0118 |
| CMYK | 0.05, 0.00, 0.00, 0.01 |
| HSL | 185°, 68%, 96% |
| HSV | 185°, 5%, 99% |
| XYZ | 87.6645, 94.3734, 105.6909 |
| YIQ | 247.5260, -7.4730, -2.2330 |

Conversions

Conversions Part 2

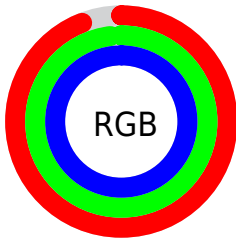
| Format | Color |
|-------------------------------------|---|
| R _Y B | 239, 245, 252 |
| Decimal | 15727612 |
| CIE Lab | 97.78, -3.74, -1.85 |
| CIE LCh | 98, 4.169, 206.339 |
| Yxy | 94.3734, 0.3047, 0.3280 |
| Android (android.graphics.Color) | 4293917692 (0xFFE ^{FF} BFC) |
| YUV | 247.5260, 2.2057, -7.4773 |
| Hunter-Lab | 97.1460, -8.9271, 3.4971 |

Details

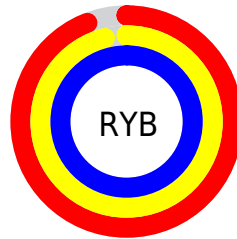
The XYZ color 87.6645, 94.3734, 105.6909 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.8852, 89.2468, 94.3099, and the grayscale version is 88.8256, 93.4514, 101.7686.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.8939, 53.0376, 59.2901 is the 20% darker color. If you saturate the color by 10%, you get 79.1436, 89.0925, 105.1221, and if you desaturate by 10%, it is 93.9162, 98.4988, 106.1591.

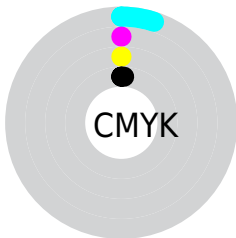
Distribution



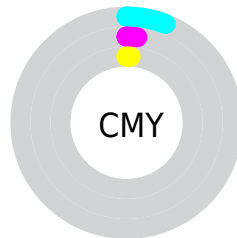
- Red (94%)
- Green (98%)
- Blue (99%)



- Red (94%)
- Yellow (96%)
- Blue (99%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)




- Cyan (6%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.6645, 94.3734, 105.6909 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 87.6645, 94.3734, 105.6909 by changing the saturation by 10% instead.


 87.6645, 94.3734,
105.6909

 87.6645, 94.3734,
105.6909


508.7558,
542.1570, 599.6900

 66.3751, 71.6136,
80.4184


142.9849,
153.3986, 171.0759

 48.8458, 52.8431,
59.5345


177.7466,
190.4329, 212.0254

 34.7112, 37.6775,
42.6207


217.7298,
232.9940, 259.0378

 23.6060, 25.7325,
29.2584

263.2999,
281.4664, 312.5314

 15.1647, 16.6236,
19.0292

314.8222,
336.2345, 372.9249

 9.0222, 9.9665,
11.5143

372.6620,

 4.8129, 5.3768,

397.6827, 440.6369

6.2954

437.1848,
466.1954, 516.0857

■ 2.1715, 2.4700,
2.9538

■ 0.7277, 0.8615,
1.0711

■ 87.6645, 94.3734,
105.6909

■ 87.6645, 94.3734,
105.6909

■ 79.1436, 89.0925,
105.1221

■ 93.9162, 98.4988,
106.1591

■ 71.7635, 84.4063,
104.6066

■ 94.5285, 99.7236,
106.3633

■ 65.4747, 80.2917,
104.1438

■ 94.5710, 99.8084,
106.3774

■ 60.2210, 76.7197,
103.7313

■ 55.9409, 73.6587,
103.3660

■ 52.5668, 71.0738,
103.0449

■ 50.0221, 68.9254,
102.7644

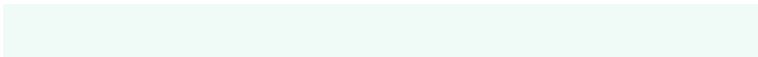
■ 48.2175, 67.1674,
102.5202

■ 47.0430, 65.7433,
102.3072

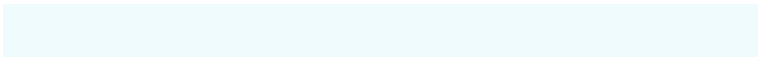
Harmonies

Analogous

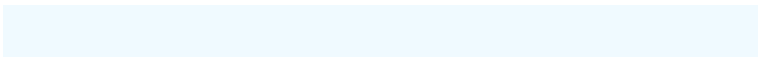
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.4354, 94.3734, 102.3388



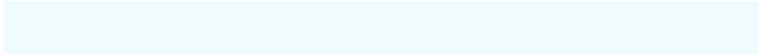
87.6645, 94.3734, 105.6909



88.4370, 94.3734, 108.3068

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.6645, 94.3734, 105.6909



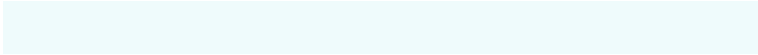
91.6167, 94.3734, 106.4310



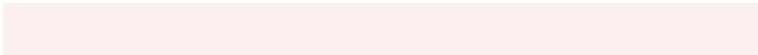
89.8453, 94.3734, 96.3560

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



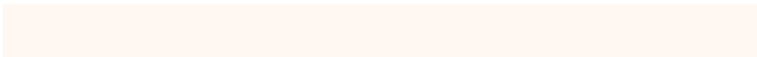
87.6645, 94.3734, 105.6909



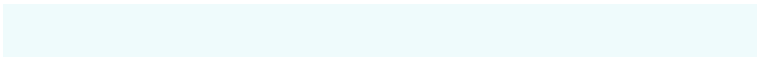
86.8852, 89.2468, 94.3099

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.9731, 94.3734, 97.3993



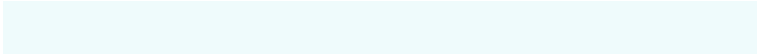
87.6645, 94.3734, 105.6909



92.0015, 94.3734, 103.1755

Square

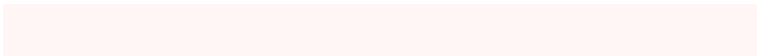
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.6645, 94.3734, 105.6909



90.7179, 94.3734, 108.7407



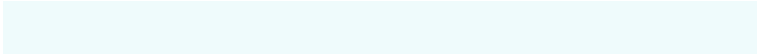
91.7649, 94.3734, 99.8771



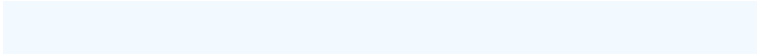
88.6879, 94.3734, 96.9962

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



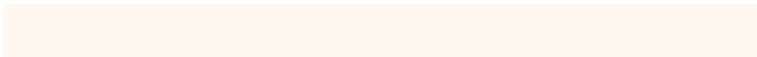
87.6645, 94.3734, 105.6909



89.1599, 94.3734, 109.2553



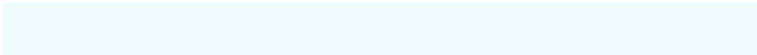
91.7649, 94.3734, 99.8771



90.2405, 94.3734, 96.5208

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87.6672, 94.3774, 105.6930



93.0740, 98.7965, 108.7718



86.1168, 94.2564, 95.9902



19.9424, 21.1591, 23.2830



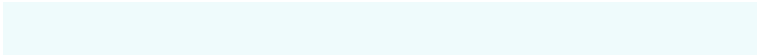
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

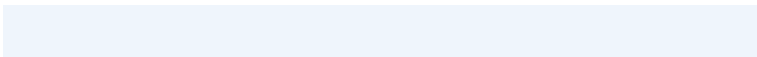
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.6672, 94.3774, 105.6930



89.2706, 96.4672, 108.5227



85.7104, 90.4637, 105.0407



18.1708, 19.6919, 22.2285



24.3359, 34.0273, 53.2589



2.2868, 3.2173, 4.9436

Inverse Universe

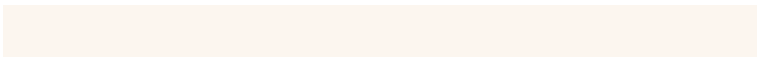
The Inverse Universe completely reimagines the original color for something new.



88.4261, 89.3953, 103.8660



90.1737, 90.5484, 106.3464



88.7937, 93.0638, 94.9460



18.3748, 18.3563, 21.7364



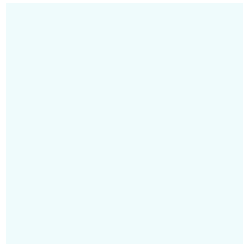
28.5757, 13.8460, 41.3354



2.6632, 1.2890, 3.9157

Previews

White Background



This preview shows how the XYZ color 87.6645, 94.3734, 105.6909 looks on a white background.

Color Contrast Check

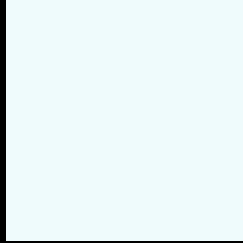
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 87.6645, 94.3734, 105.6909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

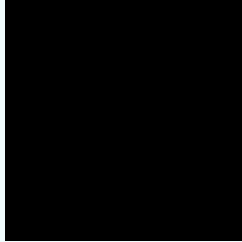
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.6645, 94.3734, 105.6909

Background



This preview shows how black text looks on a background with the XYZ color 87.6645, 94.3734, 105.6909.



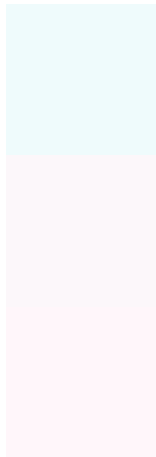
This preview shows how white text looks on a background with the XYZ color 87.6645, 94.3734,

105.6909.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.6645, 94.3734, 105.6909

Protanopia

90.6610, 94.1191, 103.8309

Deuteranopia

91.4511, 94.0737, 103.7805

Tritanopia

89.6234, 93.9476, 108.0178

Trichromacy



Original Color

87.6645, 94.3734, 105.6909

Protanomaly

89.3378, 93.8740, 104.6777

Deuteranomaly

90.0469, 94.2396, 104.7109

Tritanomaly

88.7272, 93.9618, 107.2259

Monochromacy



Original Color

87.6645, 94.3734, 105.6909

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.6308, 94.0034, 103.0957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.6645, 94.3734, 105.6909 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(239, 251, 252)` looks like.

```
.text, #text, p{  
    color:rgb(239, 251, 252)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(239, 251, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 251, 252) }
```

Border

The CSS property to change the border of an element to XYZ 87.6645, 94.3734, 105.6909 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 251, 252) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(239, 251, 252) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(239, 251, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 251, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 251, 252);  
box-shadow:4px 4px 4px 4px rgb(239, 251,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 87.6645, 94.3734, 105.6909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 251, 252) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(239,  
251, 252) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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