

Converting Colors

XYZ(87.4525, 94.6737,
108.2723)

Have a look what the booklet for
XYZ(87.4525, 94.6737, 108.2723)
contains.

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Color

**XYZ(87.4525, 94.6737,
108.2723)**

Conversions

Conversions Part 1

Format	Color
Hex	ECFCFF
RGB	236, 252, 255
RGB Percent	93%, 99%, 100%
CMY	0.0745, 0.0117, 0.0000
CMYK	0.07, 0.01, 0.00, 0.00
HSL	189°, 100%, 96%
HSV	189°, 7%, 100%
XYZ	87.4525, 94.6737, 108.2723
YIQ	247.5580, -10.4990, -2.4590

Conversions

Conversions Part 2

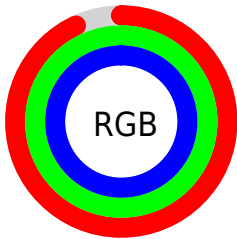
Format	Color
RYB	236, 245, 255
Decimal	15531263
CIELab	97.90, -4.65, -3.24
CIElCh	98, 5.667, 214.885
Yxy	94.6737, 0.3011, 0.3260
Android (android.graphics.Color)	4293721343 (0xFFEFCFFF)
YUV	247.5580, 3.6689, -10.1364
Hunter-Lab	97.3004, -9.8420, 2.1346

Details

The XYZ color **87.4525, 94.6737, 108.2723** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.2461, 89.0472, 91.9479**, and the grayscale version is **88.8417, 93.4684, 101.7871**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.5305, 52.8107, 61.0617** is the 20% darker color. If you saturate the color by 10%, you get **78.3348, 88.1220, 107.4883**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

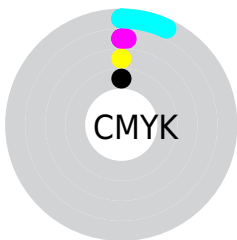
Distribution



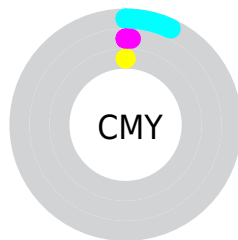
- Red (93%)
- Green (99%)
- Blue (100%)



- Red (93%)
- Yellow (96%)
- Blue (100%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.4525, 94.6737, 108.2723 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 87.4525, 94.6737, 108.2723 by changing the saturation by 10% instead.


 87.4525, 94.6737,
108.2723

 87.4525, 94.6737,
108.2723


508.0709,
543.1198, 607.8730

 66.1990, 71.8634,
82.5715


142.6911,
153.8137, 174.6303

 48.7023, 53.0471,
61.2982


177.4070,
190.9123, 216.1246

 34.5969, 37.8404,
44.0337


217.3410,
233.5424, 263.7205

 23.5176, 25.8588,
30.3596

262.8585,
282.0884, 317.8366

 15.0990, 16.7181,
19.8574

314.3249,
336.9348, 378.8913

 8.9756, 10.0337,
12.1084

372.1055,

 4.7823, 5.4213,

398.4659, 447.3033

6.6941

436.5657,
467.0661, 523.4910

■ 2.1535, 2.4965,
3.1960

■ 0.7181, 0.8749,
1.1956

■ 87.4525, 94.6737,
108.2723

■ 87.4525, 94.6737,
108.2723

■ 78.3348, 88.1220,
107.4883

95.0500, 100.0000,
108.9000

■ 70.3989, 82.2163,
106.7666

■ 63.5927, 76.9320,
106.1054

■ 57.8569, 72.2385,
105.5018

■ 53.1268, 68.1022,
104.9527

■ 49.3308, 64.4858,
104.4547

■ 46.3872, 61.3470,
104.0040

■ 44.2002, 58.6360,
103.5960

■ 42.6445, 56.2883,
103.2249

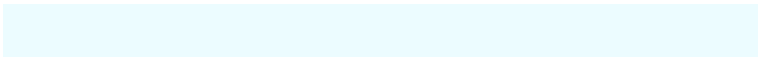
Harmonies

Analogous

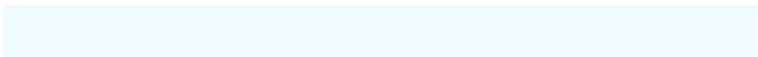
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.9153, 94.6737, 103.8454



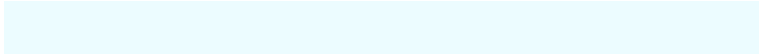
87.4525, 94.6737, 108.2723



88.6684, 94.6737, 111.3771

Triad

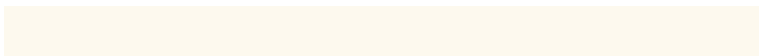
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.4525, 94.6737, 108.2723



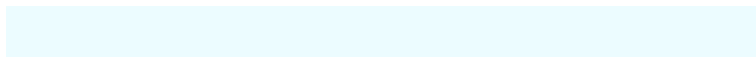
92.8356, 94.6737, 106.9179



89.7194, 94.6737, 94.4449

Complementary

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



87.4525, 94.6737, 108.2723



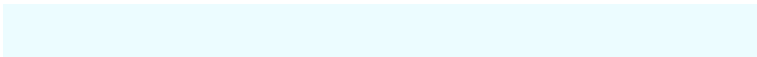
87.2461, 89.0472, 91.9479

Split Complementary

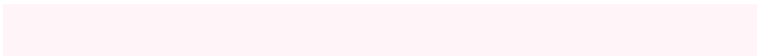
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.3136, 94.6737, 95.2123



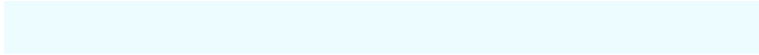
87.4525, 94.6737, 108.2723



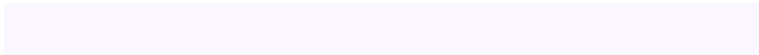
93.1251, 94.6737, 102.3255

Square

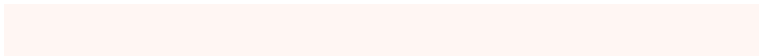
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.4525, 94.6737, 108.2723



91.7785, 94.6737, 110.5788



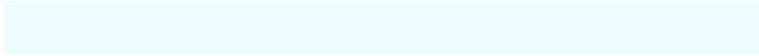
92.5649, 94.6737, 98.0633



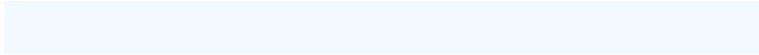
88.2141, 94.6737, 95.9349

Rectangle

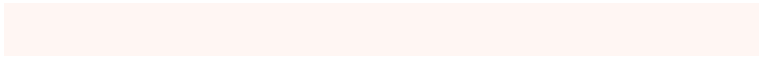
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



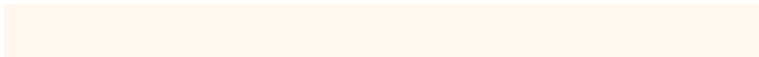
87.4525, 94.6737, 108.2723



89.7070, 94.6737, 112.2302



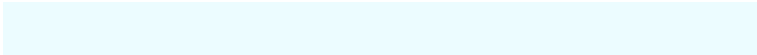
92.5649, 94.6737, 98.0633



90.2626, 94.6737, 94.4479

Sweetspot

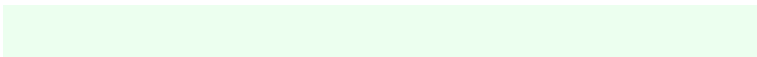
The Sweet Spot groups the original color and five complimentary colors.



87.4549, 94.6776, 108.2730



92.9426, 98.5337, 108.7281



85.9109, 95.5765, 95.4667



19.9156, 21.1057, 23.2741



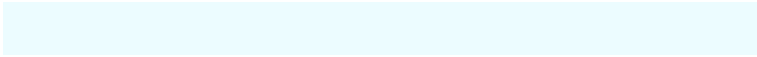
0.0000, 0.0000, 0.0000



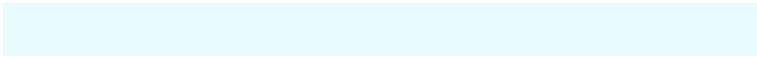
20.3446, 21.4041, 23.3091

Same Dimension

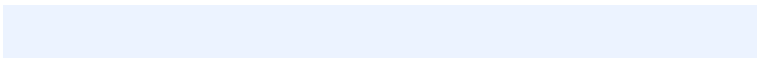
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.4549, 94.6776, 108.2730



85.9618, 93.6179, 108.1471



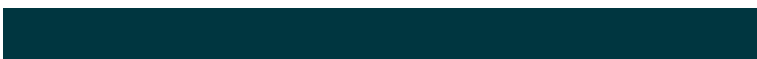
84.5891, 88.9459, 107.3177



18.2967, 19.9650, 23.1392



22.1950, 29.2995, 53.9202



2.2237, 2.9780, 5.2709

Inverse Universe

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



88.8076, 88.2807, 104.4594



87.5837, 85.9906, 103.5651



90.0560, 94.6669, 92.8846



18.6624, 18.2483, 22.1054



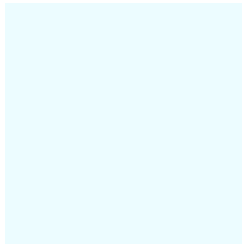
27.9912, 13.6858, 34.9337



2.7570, 1.3452, 3.5678

Previews

White Background



This preview shows how the XYZ color 87.4525, 94.6737, 108.2723 looks on a white background.

Color Contrast Check

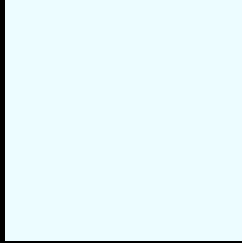
Large Text (above 18pt) WCAG AA × Fail

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 87.4525, 94.6737, 108.2723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

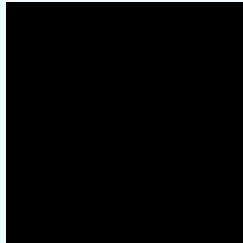
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.4525, 94.6737, 108.2723

Background



This preview shows how black text looks on a background with the XYZ color 87.4525, 94.6737, 108.2723.

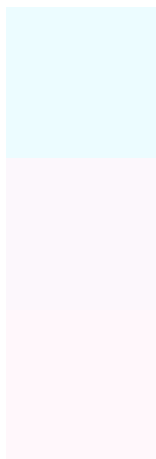


This preview shows how white text looks on a background with the XYZ color 87.4525, 94.6737,

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

87.4525, 94.6737, 108.2723

Protanopia

90.9763, 94.2453, 105.4916

Deuteranopia

91.9134, 94.7466, 104.7103

Tritanopia

89.9317, 94.5642, 108.1205

Trichromacy



Original Color

87.4525, 94.6737, 108.2723

Protanomaly

89.6113, 94.4360, 106.4335

Deuteranomaly

90.1578, 94.7361, 105.6295

Tritanomaly

88.8536, 94.4685, 108.1589

Monochromacy



Original Color

87.4525, 94.6737, 108.2723

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.5965, 93.9495, 104.7313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.4525, 94.6737, 108.2723 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(236, 252, 255) looks like.

```
.text, #text, p{  
    color:rgb(236, 252, 255)  
}
```

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(236, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 252, 255) }
```

Border

The CSS property to change the border of an element to XYZ 87.4525, 94.6737, 108.2723 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(236, 252, 255) }
```


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

```
.border{ border-color:rgb(236, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 252,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 87.4525, 94.6737, 108.2723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 252, 255) }
```

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

```
.background{ background-color: rgb(236,  
252, 255) }
```

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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