

Converting Colors

XYZ(87.4496, 96.3353, 97.0945)

Have a look what the booklet for
XYZ(87.4496, 96.3353, 97.0945)
contains.

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Color

**XYZ(87.5724, 96.3961,
97.2098)**

Conversions

Conversions Part 1

Format	Color
Hex	F0FFF1
RGB	240, 255, 241
RGB Percent	94%, 100%, 95%
CMY	0.0588, 0.0000, 0.0549
CMYK	0.06, 0.00, 0.05, 0.00
HSL	124°, 100%, 97%
HSV	124°, 6%, 100%
XYZ	87.5724, 96.3961, 97.2098
YIQ	248.9190, -4.4460, -7.5340

Conversions

Conversions Part 2

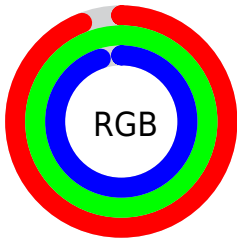
Format	Color
R_{YB}	240, 254, 255
Decimal	15794161
CIE _{Lab}	98.59, -7.39, 4.99
CIE _{LCh}	99, 8.912, 145.973
Yxy	96.3961, 0.3114, 0.3428
Android (android.graphics.Color)	4293984241 (0xFFFF0FFF1)
YUV	248.9190, -3.9041, -7.8220
Hunter-Lab	98.1815, -12.6057, 10.0239

Details

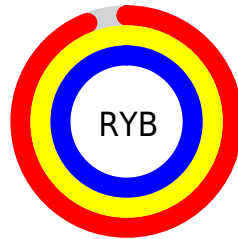
The XYZ color **87.5724, 96.3961, 97.2098** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90.2900, 90.7370, 106.5212**, and the grayscale version is **90.0092, 94.6967, 103.1247**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.7182, 54.0813, 53.7700** is the 20% darker color. If you saturate the color by 10%, you get **76.1889, 90.9120, 79.3156**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

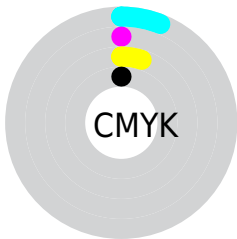
Distribution



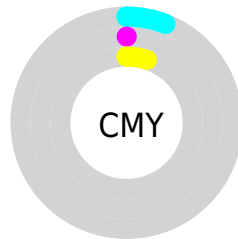
- Red (94%)
- Green (100%)
- Blue (95%)



- Red (94%)
- Yellow (100%)
- Blue (100%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.5724, 96.3961, 97.2098 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 87.5724, 96.3961, 97.2098 by changing the saturation by 10% instead.

87.5724, 96.3961,
97.2098

87.5724, 96.3961,
97.2098

508.4583,
548.6248, 572.3795

66.2986, 73.2975,
73.3685

142.8573,
156.1920, 159.3358

48.7834, 54.2193,
53.7837

177.5991,
193.6580, 198.4575

34.6616, 38.7770,
38.0368

217.5609,
236.6820, 243.5099

23.5676, 26.5863,
25.7092

263.1082,
285.6483, 294.9114

15.1362, 17.2627,
16.3824

314.6062,
340.9414, 353.0806

9.0019, 10.4220,
9.6379

372.4203,

4.7996, 5.6796,

402.9456, 418.4360

5.0571

436.9159,
472.0452, 491.3961

■ 2.1637, 2.6513,
2.2215

■ 0.7235, 0.9525,
0.6867

■ 87.5724, 96.3961,
97.2098

■ 87.5724, 96.3961,
97.2098

■ 76.1889, 90.9120,
79.3156

95.0500, 100.0000,
108.9000

■ 66.4173, 86.2073,
63.8267

■ 58.1853, 82.2469,
50.6418

■ 51.4145, 78.9926,
39.6509

■ 46.0191, 76.4030,
30.7350

■ 41.9048, 74.4320,
23.7637

■ 38.9652, 73.0280,
18.5921

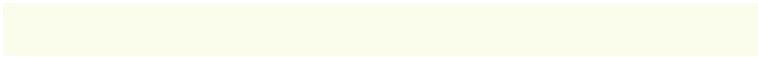
■ 37.0764, 72.1306,
15.0548

■ 36.0871, 71.6660,
12.9560

Harmonies

Analogous

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



89.4667, 96.3961, 92.7006



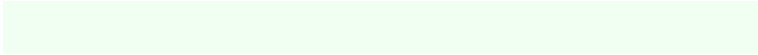
87.5724, 96.3961, 97.2098



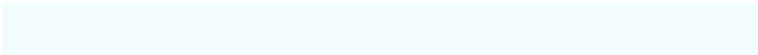
86.7628, 96.3961, 103.9647

Triad

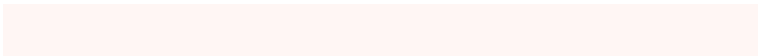
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.5724, 96.3961, 97.2098



91.2738, 96.3961, 119.7748



96.1529, 96.3961, 98.8604

Complementary

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



87.5724, 96.3961, 97.2098



90.2900, 90.7370, 106.5212

Split Complementary

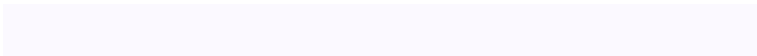
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.6585, 96.3961, 105.9595



87.5724, 96.3961, 97.2098



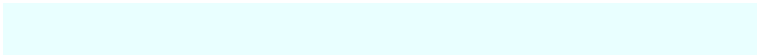
93.8109, 96.3961, 118.2529

Square

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



87.5724, 96.3961, 97.2098



88.8743, 96.3961, 117.1763



95.7937, 96.3961, 113.1094



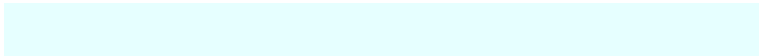
94.4250, 96.3961, 93.6218

Rectangle

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



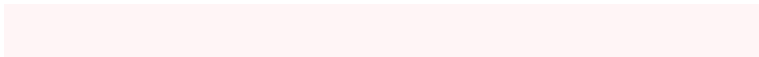
87.5724, 96.3961, 97.2098



86.9358, 96.3961, 108.9164



95.7937, 96.3961, 113.1094



96.4728, 96.3961, 101.0985

Sweetspot

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



87.5733, 96.3966, 97.2113



92.4415, 98.7427, 104.8270



92.3615, 98.8822, 96.6577



19.8136, 21.1482, 22.4800



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.



87.5733, 96.3966, 97.2113



86.2178, 95.7434, 95.0873



88.7169, 96.8540, 103.2337



18.2994, 20.4185, 20.1100



18.7564, 37.3992, 6.6026



1.8426, 3.6480, 0.7291

Inverse Universe

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



90.2900, 90.7370, 106.5212



89.4266, 89.0589, 106.0832



89.1122, 90.2659, 100.3189



19.0424, 18.8707, 22.6560



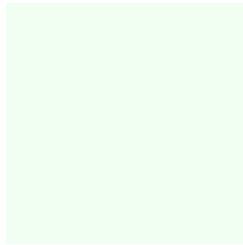
29.6349, 14.3432, 43.5892



2.9006, 1.4026, 4.3238

Previews

White Background



This preview shows how the XYZ color 87.5724, 96.3961, 97.2098 looks on a white background.

Color Contrast Check

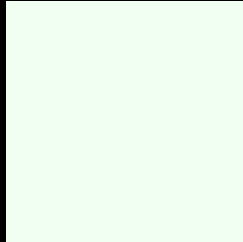
Large Text (above 18pt) WCAG AA × Fail

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 87.5724, 96.3961, 97.2098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

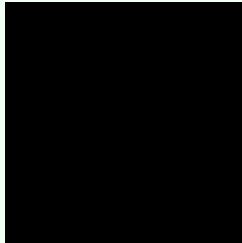
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

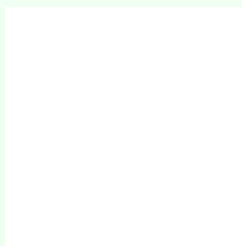
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.5724, 96.3961, 97.2098

Background



This preview shows how black text looks on a background with the XYZ color 87.5724, 96.3961, 97.2098.



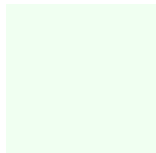
This preview shows how white text looks on a background with the XYZ color 87.5724, 96.3961,

97.2 98.

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

87.5724, 96.3961, 97.2098



Protanopia

91.7547, 96.1629, 99.3132

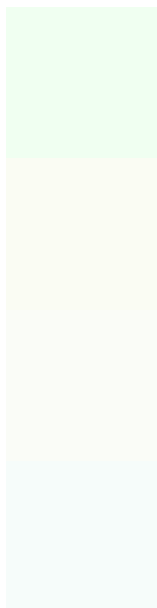
Deuteranopia

92.6809, 96.5333, 104.1905

Tritanopia

91.9715, 96.5384, 108.3941

Trichromacy



Original Color

87.5724, 96.3961, 97.2098

Protanomaly

90.4124, 96.4159, 98.6389

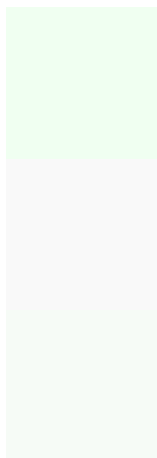
Deuteranomaly

91.0232, 96.6602, 101.8555

Tritanomaly

90.0718, 96.1158, 104.2474

Monochromacy



Original Color

87.5724, 96.3961, 97.2098

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.1378, 95.2410, 100.8741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.5724, 96.3961, 97.2098 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(240, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 241)  
}
```

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(240, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 241) }
```

Border

The CSS property to change the border of an element to XYZ 87.5724, 96.3961, 97.2098 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(240, 255, 241) }
```


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

```
.border{ border-color:rgb(240, 255, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 87.5724, 96.3961, 97.2098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 241) }
```

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

```
.background{ background-color: rgb(240,  
255, 241) }
```

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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