

Converting Colors

XYZ(87.9659, 96.4753,
102.8200)

Have a look what the booklet for
XYZ(87.9659, 96.4753, 102.8200)
contains.

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Color

**XYZ(87.9632, 96.4745,
102.7922)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFFF8
RGB	238, 255, 248
RGB Percent	93%, 100%, 97%
CMY	0.0667, 0.0000, 0.0274
CMYK	0.07, 0.00, 0.03, 0.00
HSL	155°, 100%, 97%
HSV	155°, 7%, 100%
XYZ	87.9632, 96.4745, 102.7922
YIQ	249.1190, -7.8850, -5.7810

Conversions

Conversions Part 2

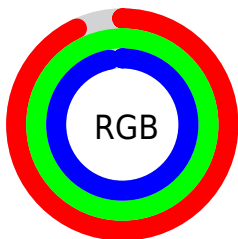
Format	Color
R_{YB}	238, 249, 255
Decimal	15663096
CIE _{Lab}	98.62, -6.80, 1.42
CIE _{LCh}	99, 6.945, 168.180
Yxy	96.4745, 0.3062, 0.3359
Android (android.graphics.Color)	4293853176 (0xFFEEFF8)
YUV	249.1190, -0.5517, -9.7514
Hunter-Lab	98.2214, -12.0300, 6.7059

Details

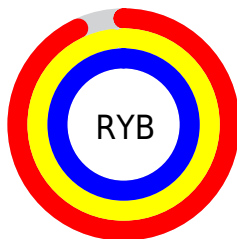
The XYZ color **87.9632, 96.4745, 102.7922** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.2965, 89.0027, 98.9118**, and the grayscale version is **90.1489, 94.8437, 103.2848**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.9999, 54.1390, 57.7365** is the 20% darker color. If you saturate the color by 10%, you get **78.4160, 91.7356, 94.0807**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

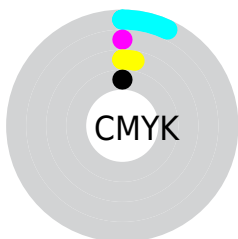
Distribution



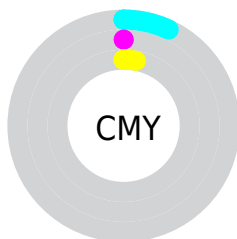
- Red (93%)
- Green (100%)
- Blue (97%)



- Red (93%)
- Yellow (98%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.9632, 96.4745, 102.7922 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 87.9632, 96.4745, 102.7922 by changing the saturation by 10% instead.

87.9632, 96.4745,
102.7922

87.9632, 96.4745,
102.7922

509.7199,
548.8747, 590.4311

66.6233, 73.3628,
78.0046

143.3987,
156.3001, 167.0743

49.0481, 54.2727,
57.5613

178.2250,
193.7828, 207.4059

34.8723, 38.8197,
41.0437

218.2775,
236.8247, 253.7559

23.7306, 26.6195,
28.0333

263.9215,
285.8101, 306.5428

15.2576, 17.2877,
18.1115

315.5224,
341.1234, 366.1853

9.0878, 10.4398,
10.8598

373.4455,

4.8561, 5.6915,

403.1490, 433.1018

5.8596

438.0562,
472.2713, 507.7109

■ 2.1970, 2.6584,
2.6925

■ 0.7411, 0.9561,
0.9397

■ 87.9632, 96.4745,
102.7922

■ 87.9632, 96.4745,
102.7922

■ 78.4160, 91.7356,
94.0807

95.0500, 100.0000,
108.9000

■ 70.1198, 87.6313,
85.8954

■ 63.0195, 84.1334,
78.2274

■ 57.0552, 81.2110,
71.0658

■ 52.1611, 78.8305,
64.3990

■ 48.2646, 76.9546,
58.2150

■ 45.2836, 75.5412,
52.5011

■ 43.1219, 74.5410,
47.2437

■ 41.6589, 73.8918,
42.4277

Harmonies

Analogous

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



88.8445, 96.4745, 97.8319



87.9632, 96.4745, 102.7922



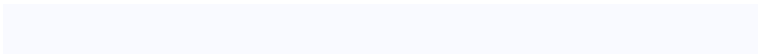
88.0712, 96.4745, 108.5375

Triad

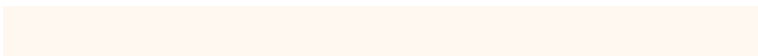
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.9632, 96.4745, 102.7922



92.9078, 96.4745, 115.9208



94.2987, 96.4745, 97.0057

Complementary

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



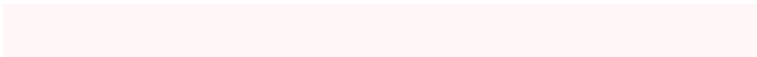
87.9632, 96.4745, 102.7922



88.2965, 89.0027, 98.9118

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.



95.4191, 96.4745, 101.6270



87.9632, 96.4745, 102.7922



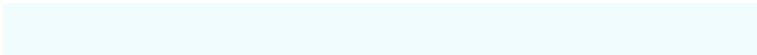
94.6081, 96.4745, 112.6028

Square

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



87.9632, 96.4745, 102.7922



90.9063, 96.4745, 116.2607



95.5332, 96.4745, 107.3291



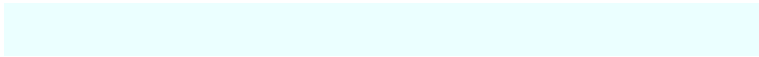
92.4905, 96.4745, 94.5736

Rectangle

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



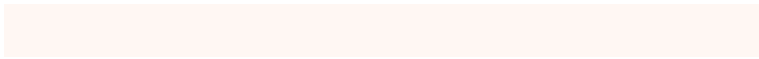
87.9632, 96.4745, 102.7922



88.6900, 96.4745, 112.0393



95.5332, 96.4745, 107.3291



94.7694, 96.4745, 98.3467

Sweetspot

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



87.9641, 96.4749, 102.7937



92.8623, 98.9110, 107.0426



88.8785, 97.1208, 94.9521



19.8993, 21.1824, 22.9311



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

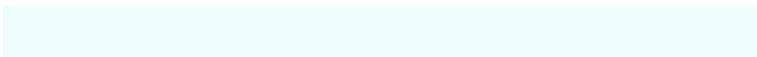
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.9641, 96.4749, 102.7937



86.6160, 95.8050, 101.6005



88.6203, 96.0170, 108.4701



18.2199, 20.3475, 21.4611



21.6386, 38.5520, 21.7798



2.1612, 3.7754, 2.4069

Inverse Universe

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



88.2965, 89.0027, 98.9118



87.0114, 86.9189, 96.9841



87.6620, 89.4114, 93.5282



18.3194, 18.1111, 20.2993



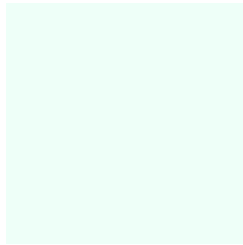
22.9506, 11.6695, 8.3901



2.2873, 1.1573, 1.0946

Previews

White Background



This preview shows how the XYZ color 87.9632, 96.4745, 102.7922 looks on a white background.

Color Contrast Check

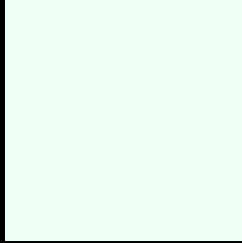
Large Text (above 18pt) WCAG AA × Fail

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 87.9632, 96.4745, 102.7922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

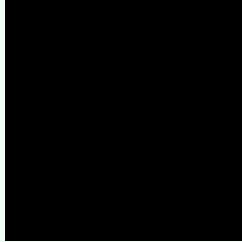
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

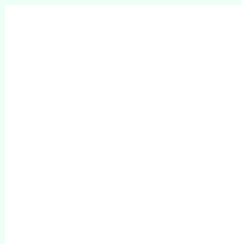
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.9632, 96.4745, 102.7922

Background



This preview shows how black text looks on a background with the XYZ color 87.9632, 96.4745, 102.7922.

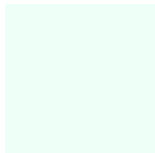


This preview shows how white text looks on a background with the XYZ color 87.9632, 96.4745,

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

87.9632, 96.4745, 102.7922

Protanopia

92.2141, 96.3466, 101.7322

Deuteranopia

92.8382, 96.5962, 105.0186

Tritanopia

91.6141, 96.3541, 108.3774

Trichromacy



Original Color

87.9632, 96.4745, 102.7922

Protanomaly

90.6658, 96.4759, 101.8388

Deuteranomaly

91.1326, 96.6627, 104.2970

Tritanomaly

90.0373, 96.0616, 105.8917

Monochromacy



Original Color

87.9632, 96.4745, 102.7922

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.2523, 95.2464, 103.3028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.9632, 96.4745, 102.7922 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(238, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 248)  
}
```

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(238, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 248) }
```

Border

The CSS property to change the border of an element to XYZ 87.9632, 96.4745, 102.7922 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(238, 255, 248) }
```


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

```
.border{ border-color:rgb(238, 255, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 87.9632, 96.4745, 102.7922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 248) }
```

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

```
.background{ background-color: rgb(238,  
255, 248) }
```

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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