

Converting Colors

XYZ(87.4396, 91.9634,
101.9527)

Have a look what the booklet for
XYZ(87.4396, 91.9634, 101.9527)
contains.

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Color

**XYZ(87.5552, 92.1013,
101.9696)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F6F8
RGB	245, 246, 248
RGB Percent	96%, 96%, 97%
CMY	0.0392, 0.0353, 0.0274
CMYK	0.01, 0.01, 0.00, 0.03
HSL	220°, 18%, 97%
HSV	220°, 1%, 97%
XYZ	87.5552, 92.1013, 101.9696
YIQ	245.9290, -1.2380, 0.4100

Conversions

Conversions Part 2

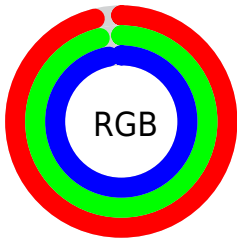
Format	Color
R _{YB}	245, 246, 248
Decimal	16119544
CIE _{Lab}	96.86, 0.03, -1.09
CIE _{LCh}	97, 1.085, 271.533
Yxy	92.1013, 0.3109, 0.3270
Android (android.graphics.Color)	4294309624 (0xFFFF5F6F8)
YUV	245.9290, 1.0210, -0.8147
Hunter-Lab	95.9694, -5.0967, 4.1817

Details

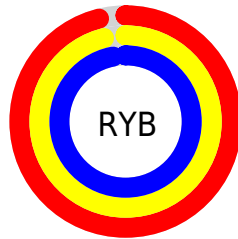
The XYZ color **87.5552, 92.1013, 101.9696** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.4537, 93.0694, 99.6897**, and the grayscale version is **87.5350, 92.0936, 100.2900**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.9141, 51.4515, 57.2223** is the 20% darker color. If you saturate the color by 10%, you get **74.6795, 78.3440, 99.9942**, and if you desaturate by 10%, it is **93.9435, 99.5574, 103.0735**.

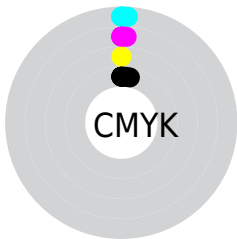
Distribution



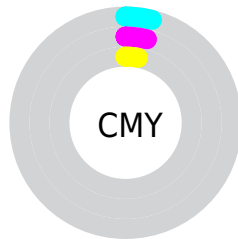
- Red (96%)
- Green (96%)
- Blue (97%)



- Red (96%)
- Yellow (96%)
- Blue (97%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (4%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.5552, 92.1013, 101.9696 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 87.5552, 92.1013, 101.9696 by changing the saturation by 10% instead.

87.5552, 92.1013,
101.9696

87.5552, 92.1013,
101.9696

508.4027,
534.8429, 587.7896

66.2843, 69.7248,
77.3204

142.8334,
150.2538, 165.9367

48.7718, 51.3022,
57.0028

177.5715,
186.7985, 206.0916

34.6523, 36.4492,
40.5981

217.5294,
228.8348, 252.2523

23.5604, 24.7813,
27.6878

263.0724,
276.7470, 304.8372

15.1308, 15.9142,
17.8535

314.5658,
330.9195, 364.2648

8.9982, 9.4634,
10.6765

372.3751,

4.7971, 5.0447,

391.7367, 430.9537

5.7383

436.8657,
459.5830, 505.3225

■ 2.1622, 2.2735,
2.6204

■ 0.7227, 0.7596,
0.9030

■ 87.5552, 92.1013,
101.9696

■ 87.5552, 92.1013,
101.9696

■ 74.6795, 78.3440,
99.9942

■ 93.9435, 99.5574,
103.0735

■ 63.3493, 66.0255,
98.2136

■ 53.5063, 55.1005,
96.6237

■ 45.0855, 45.5167,
95.2177

■ 38.0169, 37.2187,
93.9885

■ 32.2242, 30.1463,
92.9287

■ 27.6226, 24.2343,
92.0301

■ 24.1164, 19.4101,
91.2838

■ 21.5925, 15.5907,
90.6796

Harmonies

Analogous

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



87.2605, 92.1013, 101.7652



87.5552, 92.1013, 101.9696



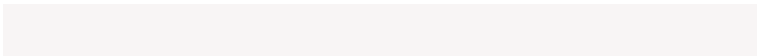
87.8463, 92.1013, 101.7198

Triad

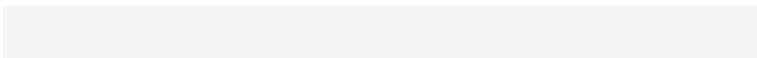
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.5552, 92.1013, 101.9696



88.0399, 92.1013, 99.4076



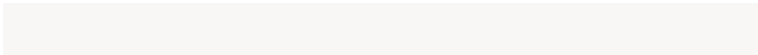
87.0254, 92.1013, 99.4849

Complementary

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



87.5552, 92.1013, 101.9696



88.4537, 93.0694, 99.6897

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.



87.2334, 92.1013, 98.8591



87.5552, 92.1013, 101.9696



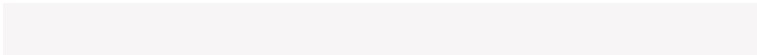
87.8191, 92.1013, 98.8146

Square

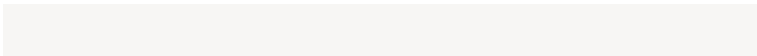
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.5552, 92.1013, 101.9696



88.1266, 92.1013, 100.2378



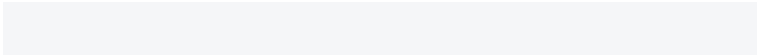
87.5238, 92.1013, 98.6144



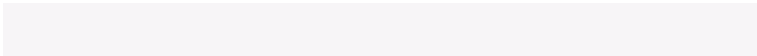
86.9551, 92.1013, 100.3276

Rectangle

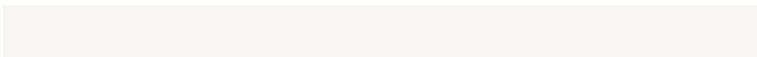
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



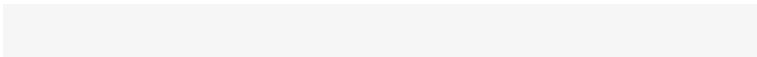
87.5552, 92.1013, 101.9696



87.9991, 92.1013, 101.3302



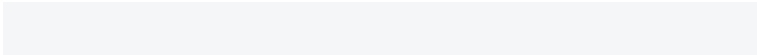
87.5238, 92.1013, 98.6144



87.0815, 92.1013, 99.2423

Sweetspot

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



87.5578, 92.1052, 101.9716

95.0500, 100.0000, 108.9000



88.0057, 93.2610, 101.3194



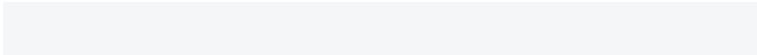
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

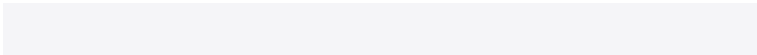
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.5578, 92.1052, 101.9716



93.5792, 98.4419, 108.6768



87.4104, 91.5770, 101.8774



19.1900, 20.1873, 22.2704



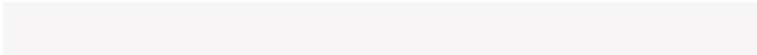
10.9393, 7.2342, 48.7933



1.1065, 0.8567, 4.5502

Inverse Universe

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



88.0003, 91.9167, 100.2970



93.9699, 98.2750, 107.1985



88.6022, 93.6031, 99.7849



19.2659, 20.1548, 21.9830



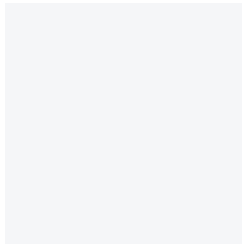
21.8137, 11.1412, 5.7272



2.0674, 1.0507, 0.7785

Previews

White Background



This preview shows how the XYZ color 87.5552, 92.1013, 101.9696 looks on a white background.

Color Contrast Check

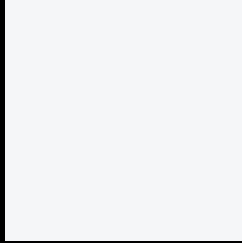
Large Text (above 18pt) WCAG AA × Fail

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 87.5552, 92.1013, 101.9696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

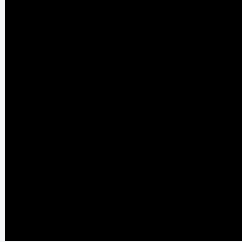
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

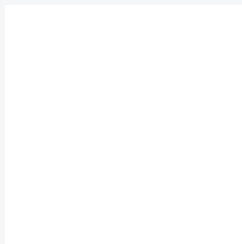
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.5552, 92.1013, 101.9696

Background



This preview shows how black text looks on a background with the XYZ color 87.5552, 92.1013, 101.9696.



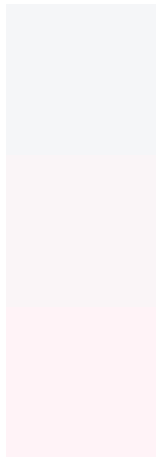
This preview shows how white text looks on a background with the XYZ color 87.5552, 92.1013,

101.9596.

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

87.5552, 92.1013, 101.9696

Protanopia

88.8652, 92.3442, 101.1362

Deuteranopia

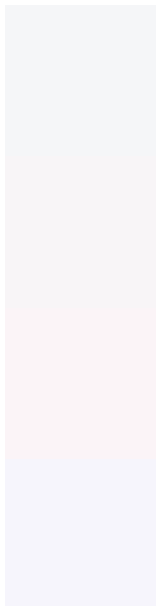
90.0791, 92.0766, 101.0206



Tritanopia

89.0602, 92.2990, 107.7292

Trichromacy



Original Color

87.5552, 92.1013, 101.9696

Protanomaly

88.1523, 91.9767, 101.1028

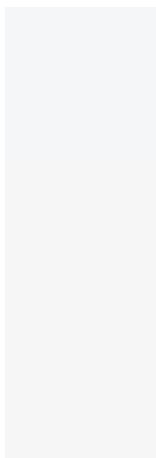
Deuteranomaly

88.9228, 91.9260, 101.0524

Tritanomaly

88.2291, 91.9259, 105.1888

Monochromacy



Original Color

87.5552, 92.1013, 101.9696

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.7503, 92.2198, 101.1709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.5552, 92.1013, 101.9696 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(245, 246, 248) looks like.

```
.text, #text, p{  
    color:rgb(245, 246, 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(245, 246, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 246, 248) }
```

Border

The CSS property to change the border of an element to XYZ 87.5552, 92.1013, 101.9696 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(245, 246, 248) }
```

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

```
.border{ border-color:rgb(245, 246, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 246, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 246, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 246, 248);  
box-shadow:4px 4px 4px 4px rgb(245, 246,  
248) }
```


Background

The CSS property to change the background color of an element to XYZ 87.5552, 92.1013, 101.9696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 246, 248) }
```

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

```
.background{ background-color: rgb(245,  
246, 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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