

Converting Colors

XYZ(21.1111, 21.4711, 28.6231)

Have a look what the booklet for
XYZ(21.1111, 21.4711, 28.6231)
contains.

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Color

**XYZ(21.0957, 21.3867,
28.6074)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7E8E
RGB	127, 126, 142
RGB Percent	50%, 49%, 56%
CMY	0.5020, 0.5059, 0.4431
CMYK	0.11, 0.11, 0.00, 0.44
HSL	244°, 7%, 53%
HSV	244°, 11%, 56%
XYZ	21.0957, 21.3867, 28.6074
YIQ	128.1230, -4.5400, 5.1880

Conversions

Conversions Part 2

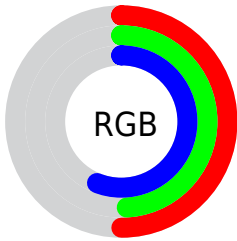
Format	Color
RYB	127, 126, 142
Decimal	8355470
CIELab	53.37, 3.72, -8.49
CIELCh	53, 9.272, 293.658
Yxy	21.3867, 0.2967, 0.3008
Android (android.graphics.Color)	4286545550 (0xFF7F7E8E)
YUV	128.1230, 6.8414, -0.9849
Hunter-Lab	46.2458, 0.4954, -4.3045

Details

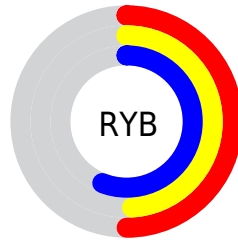
The XYZ color **21.0957, 21.3867, 28.6074** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.4242, 26.5157, 23.5704**, and the grayscale version is **20.5391, 21.6087, 23.5319**.

A 20% lighter version of the original color is **44.9063, 45.9290, 58.7229**, and **7.7275, 7.7002, 11.2042** is the 20% darker color. If you saturate the color by 10%, you get **17.5538, 17.0543, 27.9582**, and if you desaturate by 10%, it is **25.1588, 26.3715, 29.3557**.

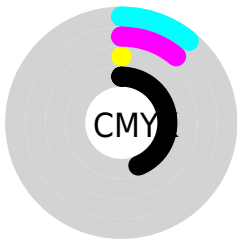
Distribution



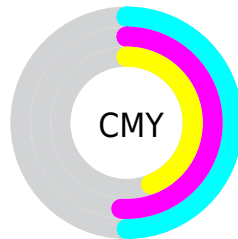
- Red (50%)
- Green (49%)
- Blue (56%)



- Red (50%)
- Yellow (49%)
- Blue (56%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (44%)



- Cyan (50%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0957, 21.3867, 28.6074 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 21.0957, 21.3867, 28.6074 by changing the saturation by 10% instead.

■ 21.0957, 21.3867,
28.6074

■ 21.0957, 21.3867,
28.6074

250.5087,
259.3265, 309.3608

■ 13.3068, 13.4070,
18.5410

■ 44.7368, 45.7302,
58.4875

■ 7.7186, 7.7094,
11.1657

■ 61.3198, 62.8628,
79.1382

■ 3.9657, 3.9096,
6.0628

■ 81.5649, 83.8151,
104.1542

■ 1.6828, 1.6231,
2.8139

105.8373,
108.9716, 133.9538

■ 0.4454, 0.3731,
1.0004

134.5026,
138.7165, 168.9558

■ 0.0000, 0.0000,
0.0000

167.9260,

173.4344, 209.5786

206.4730,
213.5096, 256.2407

■ 21.0957, 21.3867,
28.6074

■ 21.0957, 21.3867,
28.6074

■ 17.5538, 17.0543,
27.9582

■ 25.1588, 26.3715,
29.3557

■ 14.5100, 13.3449,
27.4026

■ 29.7608, 32.0313,
30.2056

■ 11.9426, 10.2304,
26.9368

■ 34.9213, 38.3909,
31.1612

■ 9.8275, 7.6799,
26.5560

■ 40.6580, 45.4732,
32.2259

■ 8.1384, 5.6597,
26.2550

■ 46.9881, 53.2999,
33.4029

6.8463, 4.1324,
26.0283

53.9278, 61.8918,
34.6956

5.9186, 3.0555,
25.8694

61.4930, 71.2689,
36.1068

5.3175, 2.3797,
25.7706

69.6987, 81.4505,
37.6396

4.9934, 2.0102,
25.7164

78.5597, 92.4553,
39.2967

Harmonies

Analogous

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



20.1193, 21.3867, 29.0942



21.0957, 21.3867, 28.6074



21.8889, 21.3867, 26.6454

Triad

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



21.0957, 21.3867, 28.6074



21.4687, 21.3867, 19.1910



18.5054, 21.3867, 22.6934

Complementary

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



21.0957, 21.3867, 28.6074



24.4242, 26.5157, 23.5704

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.



18.8420, 21.3867, 20.2224



21.0957, 21.3867, 28.6074



20.5370, 21.3867, 18.3081

Square

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



21.0957, 21.3867, 28.6074



22.1091, 21.3867, 21.1802



19.5780, 21.3867, 18.6700



18.6441, 21.3867, 25.5279

Rectangle

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



21.0957, 21.3867, 28.6074



22.1965, 21.3867, 24.8437



19.5780, 21.3867, 18.6700



18.5663, 21.3867, 21.7957

Sweetspot

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



21.0963, 21.3876, 28.6079



43.0088, 44.8379, 51.5157



23.0417, 25.4980, 29.2987



9.4817, 9.8619, 11.4832



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.0963, 21.3876, 28.6079



35.2163, 35.2843, 50.0823



22.3036, 22.0100, 28.6644



5.1588, 5.2701, 6.7741



4.4893, 1.8079, 23.0894



0.0479, 0.0198, 0.2210

Inverse Universe

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



23.4247, 22.5965, 28.3274



40.3237, 37.9365, 49.4512



23.1440, 25.8557, 23.5105



5.6119, 5.5053, 6.7204



13.8283, 6.6883, 20.5448



0.1351, 0.0651, 0.2114

Previews

White Background



This preview shows how the XYZ color 21.0957, 21.3867, 28.6074 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0957, 21.3867, 28.6074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

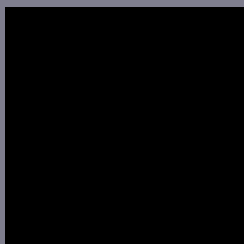
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.0957, 21.3867, 28.6074

Background



This preview shows how black text looks on a background with the XYZ color 21.0957, 21.3867, 28.6074.



This preview shows how white text looks on a background with the XYZ color 21.0957, 21.3867,

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

21.0957, 21.3867, 28.6074

Protanopia

20.9293, 21.4917, 28.6364

Deuteranopia

21.7630, 21.3548, 28.5660



Tritanopia

20.7089, 21.4205, 26.7100

Trichromacy



Original Color

21.0957, 21.3867, 28.6074

Protanomaly

21.0760, 21.5674, 28.6433

Deuteranomaly

21.5762, 21.4455, 28.5934

Tritanomaly

20.8538, 21.4784, 27.4727

Monochromacy



Original Color

21.0957, 21.3867, 28.6074

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.7251, 21.4614, 25.2404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0957, 21.3867, 28.6074 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(127, 126, 142)` looks like.

```
.text, #text, p{  
    color:rgb(127, 126, 142)  
}
```

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(127, 126, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 126, 142) }
```

Border

The CSS property to change the border of an element to XYZ 21.0957, 21.3867, 28.6074 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(127, 126, 142) }
```


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

```
.border{ border-color:rgb(127, 126, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 126, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 126, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 126, 142);  
box-shadow:4px 4px 4px 4px rgb(127, 126,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0957, 21.3867, 28.6074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 126, 142) }
```

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

```
.background{ background-color: rgb(127,  
126, 142) }
```

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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