

Converting Colors

XYZ(21.6488, 28.6445, 20.4241)

Have a look what the booklet for
XYZ(21.6488, 28.6445, 20.4241)
contains.

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Color

**XYZ(21.6498, 28.7084,
20.3198)**

Conversions

Conversions Part 1

Format	Color
Hex	6F9D72
RGB	111, 157, 114
RGB Percent	44%, 62%, 45%
CMY	0.5647, 0.3843, 0.5529
CMYK	0.29, 0.00, 0.27, 0.38
HSL	124°, 19%, 53%
HSV	124°, 29%, 62%
XYZ	21.6498, 28.7084, 20.3198
YIQ	138.3440, -13.6130, -23.1250

Conversions

Conversions Part 2

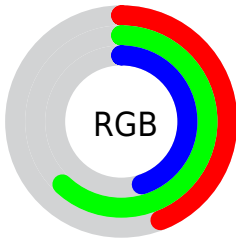
Format	Color
R_{YB}	111, 154, 157
Decimal	7314802
CIE _{Lab}	60.52, -24.48, 17.64
CIE _{LCh}	61, 30.180, 144.222
Yxy	28.7084, 0.3063, 0.4062
Android (android.graphics.Color)	4285504882 (0xFF6F9D72)
YUV	138.3440, -12.0016, -23.9807
Hunter-Lab	53.5802, -21.6401, 15.0210

Details

The XYZ color **21.6498, 28.7084, 20.3198** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.4228, 20.8707, 33.2616**, and the grayscale version is **24.3377, 25.6052, 27.8840**.

A 20% lighter version of the original color is **45.7363, 57.7327, 44.8094**, and **7.9594, 11.4886, 6.9523** is the 20% darker color. If you saturate the color by 10%, you get **19.0759, 27.4712, 16.1831**, and if you desaturate by 10%, it is **24.7066, 30.1806, 25.1800**.

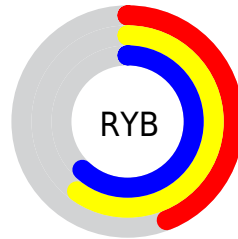
Distribution



Red (44%)

Green (62%)

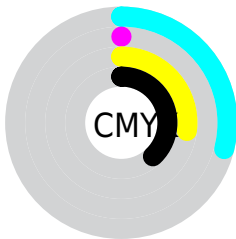
Blue (45%)



Red (44%)

Yellow (60%)

Blue (62%)

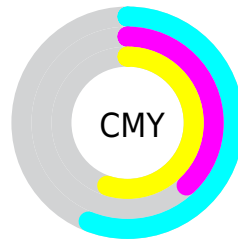


Cyan (29%)

Magenta (0%)

Yellow (27%)

Black (38%)



Cyan (56%)

Magenta (38%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6498, 28.7084, 20.3198 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 21.6498, 28.7084, 20.3198 by changing the saturation by 10% instead.

■ 21.6498, 28.7084,
20.3198

■ 21.6498, 28.7084,
20.3198

253.3788,
295.8366, 266.3024

■ 13.7150, 18.8603,
12.4413

■ 45.6497, 57.6135,
44.8187

■ 8.0031, 11.5694,
6.9188

■ 62.4454, 77.4393,
62.2762

■ 4.1487, 6.4512,
3.3337

■ 82.9256, 101.3598,
83.7639

■ 1.7866, 3.1213,
1.2674

■ 107.4554,
129.7594, 109.7001

■ 0.5096, 1.1954,
0.0349

136.4003,
163.0225, 140.5036

■ 0.0000, 0.0579,
0.0000

170.1256,

■ 0.0000, 0.0000,

201.5334, 176.5927

0.0000

208.9966,
245.6767, 218.3862

■ 21.6498, 28.7084,
20.3198

■ 21.6498, 28.7084,
20.3198

■ 19.0759, 27.4712,
16.1831

■ 24.7066, 30.1806,
25.1800

■ 16.9579, 26.4535,
12.7337

■ 28.2667, 31.8954,
30.7940

■ 15.2700, 25.6436,
9.9347

■ 32.3523, 33.8642,
37.1927

■ 13.9826, 25.0270,
7.7455

■ 36.9835, 36.0969,
44.4046

■ 13.0625, 24.5877,
6.1207

■ 42.1794, 38.6026,
52.4568

■ 12.4710, 24.3068,
5.0084

■ 47.9581, 41.3902,
61.3752

■ 12.1333, 24.1470,
4.3461

■ 54.3369, 44.4681,
71.1845

■ 12.1137, 24.1376,
4.3146

■ 61.3324, 47.8443,
81.9086

■ 68.9606, 51.5266,
93.5704

Harmonies

Analogous

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



24.3274, 28.7084, 15.4932



21.6498, 28.7084, 20.3198



20.4923, 28.7084, 29.1484

Triad

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



21.6498, 28.7084, 20.3198



26.5393, 28.7084, 57.8261



34.7029, 28.7084, 23.2579

Complementary

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



21.6498, 28.7084, 20.3198



25.4228, 20.8707, 33.2616

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.



35.4374, 28.7084, 33.4682



21.6498, 28.7084, 20.3198



30.4762, 28.7084, 55.1857

Square

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



21.6498, 28.7084, 20.3198



23.1375, 28.7084, 52.0909



33.8253, 28.7084, 45.5518



31.9039, 28.7084, 16.8855

Rectangle

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



21.6498, 28.7084, 20.3198



20.6509, 28.7084, 36.8303



33.8253, 28.7084, 45.5518



35.2100, 28.7084, 26.2791

Sweetspot

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



21.6506, 28.7096, 20.3204



50.7075, 57.1607, 55.2831



28.3875, 32.2021, 19.7586



10.9546, 12.4799, 11.8452



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.6506, 28.7096, 20.3204



35.7365, 49.9533, 31.5222



23.0787, 29.2809, 27.8407



6.5674, 7.4077, 7.1567



9.8435, 19.6053, 3.5329



0.1806, 0.3524, 0.0872

Inverse Universe

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



25.4228, 20.8707, 33.2616



43.5834, 33.6426, 58.4383



23.7343, 20.1953, 24.3702



6.8855, 6.7471, 8.2480



15.5604, 7.5287, 22.9996



0.2833, 0.1366, 0.4377

Previews

White Background



This preview shows how the XYZ color 21.6498, 28.7084, 20.3198 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 21.6498, 28.7084, 20.3198 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 21.6498, 28.7084, 20.3198

Background



This preview shows how black text looks on a background with the XYZ color 21.6498, 28.7084, 20.3198.



This preview shows how white text looks on a background with the XYZ color 21.6498, 28.7084,

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

21.6498, 28.7084, 20.3198

Protanopia

26.5960, 28.4228, 18.5524

Deuteranopia

29.0103, 28.4992, 21.1114



Tritanopia

25.4232, 28.7706, 38.8637

Trichromacy



Original Color

21.6498, 28.7084, 20.3198

Protanomaly

24.4319, 28.2180, 19.1979

Deuteranomaly

25.7025, 28.1380, 20.9061

Tritanomaly

23.8382, 28.6087, 31.0537

Monochromacy



Original Color

21.6498, 28.7084, 20.3198

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

22.9899, 26.4250, 24.6577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6498, 28.7084, 20.3198 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(111, 157, 114)` looks like.

```
.text, #text, p{  
    color:rgb(111, 157, 114)  
}
```

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(111, 157, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 157, 114) }
```

Border

The CSS property to change the border of an element to XYZ 21.6498, 28.7084, 20.3198 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(111, 157, 114) }
```


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

```
.border{ border-color:rgb(111, 157, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 157, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 157, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 157, 114);  
box-shadow:4px 4px 4px 4px rgb(111, 157,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6498, 28.7084, 20.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 157, 114) }
```

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

```
.background{ background-color: rgb(111,  
157, 114) }
```

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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