

Converting Colors

XYZ(21.4865, 21.6415, 20.1252)

Have a look what the booklet for
XYZ(21.4865, 21.6415, 20.1252)
contains.

XYZ(21.4188, 21.5507, 20.1703)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.4188, 21.5507,
20.1703)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7D76
RGB	140, 125, 118
RGB Percent	55%, 49%, 46%
CMY	0.4510, 0.5098, 0.5373
CMYK	0.00, 0.11, 0.16, 0.45
HSL	19°, 9%, 51%
HSV	19°, 16%, 55%
XYZ	21.4188, 21.5507, 20.1703
YIQ	128.6870, 11.1870, 1.0030

Conversions

Conversions Part 2

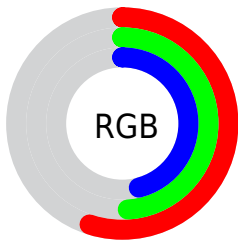
Format	Color
R_{YB}	140, 128, 118
Decimal	9207158
CIE Lab	53.55, 4.50, 5.90
CIE LCh	54, 7.416, 52.680
Yxy	21.5507, 0.3392, 0.3413
Android (android.graphics.Color)	4287397238 (0xFF8C7D76)
YUV	128.6870, -5.2687, 9.9215
Hunter-Lab	46.4227, 1.1176, 6.7349

Details

The XYZ color **21.4188, 21.5507, 20.1703** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.5921, 22.5194, 28.0723**, and the grayscale version is **20.7724, 21.8541, 23.7992**.

A 20% lighter version of the original color is **45.4242, 46.2124, 44.5560**, and **7.9064, 7.7847, 6.8802** is the 20% darker color. If you saturate the color by 10%, you get **19.4973, 18.9417, 15.7254**, and if you desaturate by 10%, it is **23.5811, 24.4433, 25.3053**.

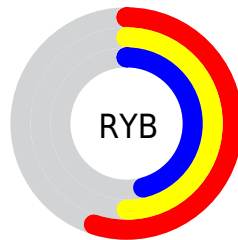
Distribution



Red (55%)

Green (49%)

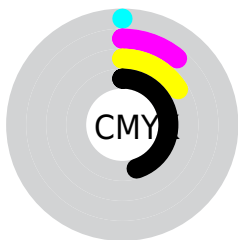
Blue (46%)



Red (55%)

Yellow (50%)

Blue (46%)

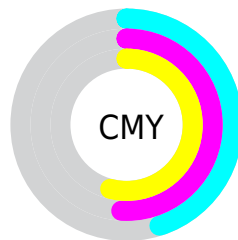


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (45%)



Cyan (45%)

Magenta (51%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4188, 21.5507, 20.1703 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 21.4188, 21.5507, 20.1703 by changing the saturation by 10% instead.

■ 21.4188, 21.5507,
20.1703

■ 21.4188, 21.5507,
20.1703

252.1857,
260.1909, 265.4702

■ 13.5447, 13.5271,
12.3336

■ 45.2695, 46.0023,
44.5652

■ 7.8842, 7.7925,
6.8460

■ 61.9769, 63.1991,
61.9605

■ 4.0721, 3.9625,
3.2890

■ 82.3593, 84.2224,
83.3791

■ 1.7430, 1.6526,
1.2440

106.7822,
109.4567, 109.2396

■ 0.4830, 0.3927,
0.0152

135.6110,
139.2862, 139.9603

■ 0.0000, 0.0000,
0.0000

169.2109,

174.0955, 175.9600

207.9473,
214.2689, 217.6571

■ 21.4188, 21.5507,
20.1703

■ 21.4188, 21.5507,
20.1703

■ 19.4973, 18.9417,
15.7254

■ 23.5811, 24.4433,
25.3053

■ 17.8062, 16.6046,
11.9396

■ 25.9906, 27.6248,
31.1567

■ 16.3368, 14.5313,
8.7814

■ 28.6558, 31.1042,
37.7515

■ 15.0792, 12.7121,
6.2165

■ 31.5841, 34.8890,
45.1144

■ 14.0227, 11.1368,
4.2069

■ 34.7826, 38.9866,
53.2694

■ 13.1556, 9.7942,
2.7105

■ 38.2582, 43.4041,
62.2391

■ 12.4646, 8.6722,
1.6788

■ 42.0175, 48.1484,
72.0454

■ 11.9321, 7.7566,
1.0406

■ 46.0670, 53.2260,
82.7092

■ 11.7371, 7.4192,
0.8134

■ 50.4127, 58.6435,
94.2510

Harmonies

Analogous

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



21.9182, 21.5507, 21.8261



21.4188, 21.5507, 20.1703



20.6776, 21.5507, 19.4064

Triad

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



21.4188, 21.5507, 20.1703



19.0122, 21.5507, 22.9147



21.0750, 21.5507, 27.7156

Complementary

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



21.4188, 21.5507, 20.1703



20.5921, 22.5194, 28.0723

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.



20.2902, 21.5507, 28.0534



21.4188, 21.5507, 20.1703



19.1125, 21.5507, 25.1841

Square

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



21.4188, 21.5507, 20.1703



19.2980, 21.5507, 20.9233



19.5754, 21.5507, 27.1004



21.7161, 21.5507, 26.2047

Rectangle

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



21.4188, 21.5507, 20.1703



20.1514, 21.5507, 19.4688



19.5754, 21.5507, 27.1004



20.8188, 21.5507, 27.9739

Sweetspot

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



21.4194, 21.5517, 20.1708



41.8204, 43.4212, 45.2054



21.5297, 20.2269, 24.9719



9.5786, 9.9285, 10.2775



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.



21.4194, 21.5517, 20.1708



36.4657, 36.2431, 32.5339



22.8848, 24.4825, 20.6592



5.1544, 5.2916, 5.3021



10.4453, 6.6249, 0.7282



0.0815, 0.0682, 0.0089

Inverse Universe

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



20.5921, 22.5194, 28.0723



34.7091, 38.2959, 49.3055



19.1687, 19.6725, 27.5979



5.0408, 5.4246, 6.3872



7.8952, 9.0607, 23.3785



0.0657, 0.0866, 0.1597

Previews

White Background



This preview shows how the XYZ color 21.4188, 21.5507, 20.1703 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 21.4188, 21.5507, 20.1703 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 21.4188, 21.5507, 20.1703

Background



This preview shows how black text looks on a background with the XYZ color 21.4188, 21.5507, 20.1703.



This preview shows how white text looks on a background with the XYZ color 21.4188, 21.5507,

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

21.4188, 21.5507, 20.1703

Protanopia

20.5647, 21.6758, 20.5527

Deuteranopia

21.9793, 21.6526, 20.1605



Tritanopia

22.4031, 21.5826, 24.8149

Trichromacy



Original Color

21.4188, 21.5507, 20.1703

Protanomaly

20.9108, 21.6615, 20.5317

Deuteranomaly

21.8054, 21.5629, 20.1523

Tritanomaly

22.0229, 21.6103, 23.0892

Monochromacy



Original Color

21.4188, 21.5507, 20.1703

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.0937, 21.9056, 22.5185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4188, 21.5507, 20.1703 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(140, 125, 118)` looks like.

```
.text, #text, p{  
    color:rgb(140, 125, 118)  
}
```

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(140, 125, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 125, 118) }
```

Border

The CSS property to change the border of an element to XYZ 21.4188, 21.5507, 20.1703 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(140, 125, 118) }
```


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

```
.border{ border-color:rgb(140, 125, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 125, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 125, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 125, 118);  
box-shadow:4px 4px 4px 4px rgb(140, 125,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4188, 21.5507, 20.1703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 125, 118) }
```

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

```
.background{ background-color: rgb(140,  
125, 118) }
```

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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