

Converting Colors

XYZ(21.2117, 25.5784, 21.3396)

Have a look what the booklet for
XYZ(21.2117, 25.5784, 21.3396)
contains.

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Color

**XYZ(21.2009, 25.5758,
21.2720)**

Conversions

Conversions Part 1

Format	Color
Hex	789177
RGB	120, 145, 119
RGB Percent	47%, 57%, 47%
CMY	0.5294, 0.4314, 0.5333
CMYK	0.17, 0.00, 0.18, 0.43
HSL	118°, 11%, 52%
HSV	118°, 18%, 57%
XYZ	21.2009, 25.5758, 21.2720
YIQ	134.5610, -6.5540, -13.3860

Conversions

Conversions Part 2

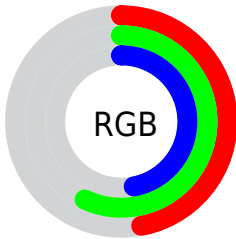
Format	Color
R_{YB}	119, 145, 144
Decimal	7901559
CIE _{Lab}	57.63, -14.15, 10.90
CIE _{LCh}	58, 17.861, 142.384
Yxy	25.5758, 0.3116, 0.3758
Android (android.graphics.Color)	4286091639 (0xFF789177)
YUV	134.5610, -7.6716, -12.7700
Hunter-Lab	50.5725, -13.6715, 10.4620

Details

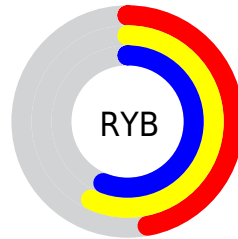
The XYZ color **21.2009, 25.5758, 21.2720** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.2104, 21.1681, 29.6520**, and the grayscale version is **22.8964, 24.0888, 26.2327**.

A 20% lighter version of the original color is **45.0077, 52.6714, 46.3225**, and **7.7386, 9.7999, 7.4449** is the 20% darker color. If you saturate the color by 10%, you get **18.6008, 24.3292, 16.9462**, and if you desaturate by 10%, it is **24.2168, 27.0229, 26.3120**.

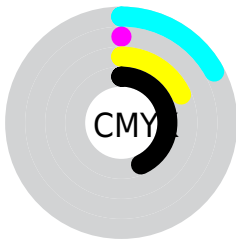
Distribution



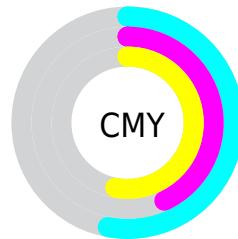
- Red (47%)
- Green (57%)
- Blue (47%)



- Red (47%)
- Yellow (57%)
- Blue (56%)



- Cyan (17%)
- Magenta (0%)
- Yellow (18%)
- Black (43%)



- Cyan (53%)
- Magenta (43%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2009, 25.5758, 21.2720 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 21.2009, 25.5758, 21.2720 by changing the saturation by 10% instead.

■ 21.2009, 25.5758,
21.2720

■ 21.2009, 25.5758,
21.2720

251.0558,
280.6935, 271.5489

■ 13.3842, 16.5066,
13.1298

■ 44.9104, 52.5898,
46.4264

■ 7.7725, 9.8833,
7.3862

■ 61.5340, 71.3034,
64.2757

■ 4.0003, 5.3217,
3.6227

■ 81.8238, 94.0005,
86.1978

■ 1.7023, 2.4372,
1.4207

106.1454,
121.0656, 112.6112

■ 0.4577, 0.8449,
0.1578

134.8641,
152.8830, 143.9345

■ 0.0000, 0.0000,
0.0000

168.3451,

189.8372, 180.5862

206.9539,
232.3126, 222.9848

■ 21.2009, 25.5758,
21.2720

■ 21.2009, 25.5758,
21.2720

■ 18.6008, 24.3292,
16.9462

■ 24.2168, 27.0229,
26.3120

■ 16.3965, 23.2712,
13.3006

■ 27.6636, 28.6754,
32.0947

■ 14.5691, 22.3937,
10.3013

■ 31.5580, 30.5419,
38.6489

■ 13.0975, 21.6864,
7.9105

■ 35.9152, 32.6299,
46.0016

■ 11.9585, 21.1384,
6.0866

■ 40.7496, 34.9462,
54.1785

■ 11.1262, 20.7374,
4.7828

■ 46.0753, 37.4974,
63.2039

■ 10.5708, 20.4690,
3.9448

■ 51.9055, 40.2900,
73.1014

■ 10.2482, 20.3130,
3.4668

■ 58.2531, 43.3300,
83.8935

■ 10.1957, 20.2878,
3.3786

■ 65.1303, 46.6233,
95.6020

Harmonies

Analogous

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



22.7794, 25.5758, 18.3321



21.2009, 25.5758, 21.2720



20.4639, 25.5758, 26.3187

Triad

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



21.2009, 25.5758, 21.2720



23.7691, 25.5758, 41.1978



28.3048, 25.5758, 23.6073

Complementary

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



21.2009, 25.5758, 21.2720



23.2104, 21.1681, 29.6520

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.



28.6080, 25.5758, 29.4347



21.2009, 25.5758, 21.2720



25.9056, 25.5758, 40.1910

Square

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



21.2009, 25.5758, 21.2720



21.8891, 25.5758, 38.2341



27.7070, 25.5758, 35.6555



26.9011, 25.5758, 19.5364

Rectangle

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



21.2009, 25.5758, 21.2720



20.5168, 25.5758, 30.4452



27.7070, 25.5758, 35.6555



28.5420, 25.5758, 25.4023

Sweetspot

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



21.2016, 25.5769, 21.2726



45.0325, 49.1903, 49.9097



24.9359, 27.2087, 21.3907



9.9349, 10.9031, 10.9637



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.2016, 25.5769, 21.2726



35.7688, 44.7477, 34.4323



21.8104, 25.8045, 25.1983



5.3609, 6.0387, 5.7724



8.7499, 17.4034, 2.8980



0.0867, 0.1680, 0.0279

Inverse Universe

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



23.2104, 21.1681, 29.6520



40.1345, 35.1644, 52.6456



22.5292, 20.9158, 25.1498



5.6061, 5.5006, 6.7950



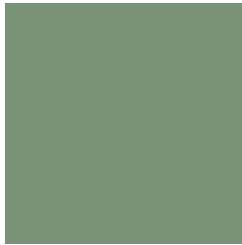
13.5829, 6.4958, 23.5150



0.1340, 0.0642, 0.2250

Previews

White Background



This preview shows how the XYZ color 21.2009, 25.5758, 21.2720 looks on a white background.

Color Contrast Check

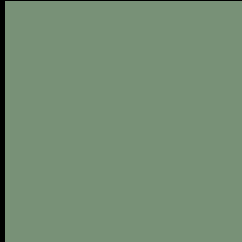
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2009, 25.5758, 21.2720 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

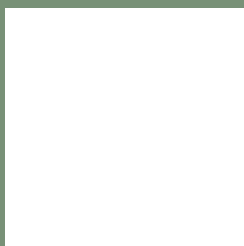
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.2009, 25.5758, 21.2720

Background



This preview shows how black text looks on a background with the XYZ color 21.2009, 25.5758, 21.2720.



This preview shows how white text looks on a background with the XYZ color 21.2009, 25.5758,

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

21.2009, 25.5758, 21.2720

Protanopia

24.0371, 25.5258, 19.8797

Deuteranopia

25.7433, 25.3236, 21.6203



Tritanopia

23.5030, 25.3831, 33.3665

Trichromacy



Original Color

21.2009, 25.5758, 21.2720

Protanomaly

22.9938, 25.6291, 20.2580

Deuteranomaly

23.8374, 25.1767, 21.3725

Tritanomaly

22.5750, 25.4504, 28.5335

Monochromacy



Original Color

21.2009, 25.5758, 21.2720

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.4010, 24.7960, 24.3743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2009, 25.5758, 21.2720 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(120, 145, 119)` looks like.

```
.text, #text, p{  
    color:rgb(120, 145, 119)  
}
```

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(120, 145, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 145, 119) }
```

Border

The CSS property to change the border of an element to XYZ 21.2009, 25.5758, 21.2720 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(120, 145, 119) }
```


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

```
.border{ border-color:rgb(120, 145, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 145, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 145, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 145, 119);  
box-shadow:4px 4px 4px 4px rgb(120, 145,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2009, 25.5758, 21.2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 145, 119) }
```

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

```
.background{ background-color: rgb(120,  
145, 119) }
```

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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