

Converting Colors

XYZ(21.1204, 24.8197, 23.0796)

Have a look what the booklet for
XYZ(21.1204, 24.8197, 23.0796)
contains.

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Color

**XYZ(21.1204, 24.8197,
23.0796)**

Conversions

Conversions Part 1

Format	Color
Hex	788E7D
RGB	120, 142, 125
RGB Percent	47%, 56%, 49%
CMY	0.5294, 0.4431, 0.5098
CMYK	0.15, 0.00, 0.12, 0.44
HSL	134°, 9%, 51%
HSV	134°, 15%, 56%
XYZ	21.1204, 24.8197, 23.0796
YIQ	133.4840, -7.6550, -9.9510

Conversions

Conversions Part 2

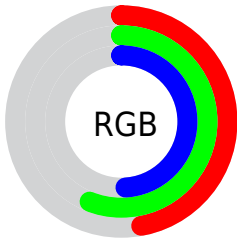
Format	Color
R_{YB}	120, 138, 142
Decimal	7900797
CIE Lab	56.90, -11.37, 6.44
CIE LCh	57, 13.070, 150.480
Yxy	24.8197, 0.3060, 0.3596
Android (android.graphics.Color)	4286090877 (0xFF788E7D)
YUV	133.4840, -4.1826, -11.8255
Hunter-Lab	49.8194, -11.5107, 7.4065

Details

The XYZ color **21.1204, 24.8197, 23.0796** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.3880, 20.9905, 26.5396**, and the grayscale version is **22.4882, 23.6594, 25.7650**.

A 20% lighter version of the original color is **44.7891, 51.4649, 49.6926**, and **7.7302, 9.5157, 8.2668** is the 20% darker color. If you saturate the color by 10%, you get **18.6325, 23.6144, 19.5040**, and if you desaturate by 10%, it is **23.9792, 26.2086, 27.0779**.

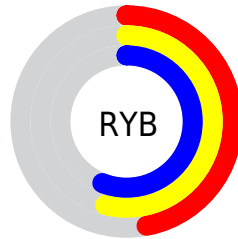
Distribution



Red (47%)

Green (56%)

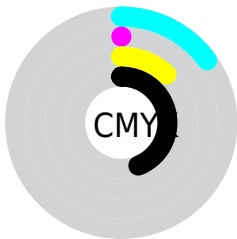
Blue (49%)



Red (47%)

Yellow (54%)

Blue (56%)

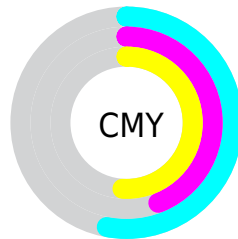


Cyan (15%)

Magenta (0%)

Yellow (12%)

Black (44%)



Cyan (53%)

Magenta (44%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1204, 24.8197, 23.0796 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 21.1204, 24.8197, 23.0796 by changing the saturation by 10% instead.

■ 21.1204, 24.8197,
23.0796

■ 21.1204, 24.8197,
23.0796

250.6373,
276.9388, 281.2687

■ 13.3250, 15.9428,
14.4464

■ 44.7776, 51.3646,
49.4488

■ 7.7313, 9.4837,
8.2895

■ 61.3701, 69.8013,
68.0220

■ 3.9738, 5.0580,
4.1904

■ 81.6257, 92.1934,
90.7456

■ 1.6873, 2.2813,
1.7303

105.9097,
118.9254, 118.0382

■ 0.4483, 0.7638,
0.3814

134.5875,
150.3815, 150.3182

■ 0.0000, 0.0000,
0.0000

168.0245,

186.9462, 188.0043

206.5860,
229.0038, 231.5149

■ 21.1204, 24.8197,
23.0796

■ 21.1204, 24.8197,
23.0796

■ 18.6325, 23.6144,
19.5040

■ 23.9792, 26.2086,
27.0779

■ 16.4982, 22.5821,
16.3357

■ 27.2213, 27.7853,
31.5105

■ 14.7018, 21.7155,
13.5607

■ 30.8611, 29.5574,
36.3905

■ 13.2254, 21.0060,
11.1635

■ 34.9114, 31.5314,
41.7300

■ 12.0498, 20.4438,
9.1278

■ 39.3846, 33.7135,
47.5405

■ 11.1534, 20.0182,
7.4359

■ 44.2927, 36.1095,
53.8333

■ 10.5117, 19.7170,
6.0686

■ 49.6469, 38.7250,
60.6192

■ 10.0909, 19.5231,
5.0046

■ 55.4582, 41.5655,
67.9086

■ 9.9379, 19.4527,
4.6169

■ 61.7372, 44.6363,
75.7118

Harmonies

Analogous

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



22.1285, 24.8197, 20.3905



21.1204, 24.8197, 23.0796



20.7675, 24.8197, 27.0951

Triad

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



21.1204, 24.8197, 23.0796



23.6150, 24.8197, 36.3618



26.2193, 24.8197, 22.9697

Complementary

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



21.1204, 24.8197, 23.0796



22.3880, 20.9905, 26.5396

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.



26.6581, 24.8197, 26.9539



21.1204, 24.8197, 23.0796



25.1153, 24.8197, 34.9606

Square

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



21.1204, 24.8197, 23.0796



22.1694, 24.8197, 35.0445



26.2458, 24.8197, 31.3950



25.0708, 24.8197, 20.3321

Rectangle

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



21.1204, 24.8197, 23.0796



20.9388, 24.8197, 30.0827



26.2458, 24.8197, 31.3950



26.4569, 24.8197, 24.1808

Sweetspot

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



21.1211, 24.8208, 23.0801



42.4935, 46.3167, 48.0378



23.4189, 26.0413, 21.5618



9.4171, 10.3091, 10.6273



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.



21.1211, 24.8208, 23.0801



35.4556, 42.9001, 38.1509



21.8469, 25.1111, 26.9021



5.3900, 6.0482, 6.0195



8.9285, 17.4673, 4.1776



0.0926, 0.1699, 0.0778

Inverse Universe

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



22.3880, 20.9905, 26.5396



38.1781, 34.6678, 45.5838



21.6535, 20.6967, 22.6718



5.5745, 5.4903, 6.5235



12.5367, 6.1717, 13.7435



0.1281, 0.0623, 0.1750

Previews

White Background



This preview shows how the XYZ color 21.1204, 24.8197, 23.0796 looks on a white background.

Color Contrast Check

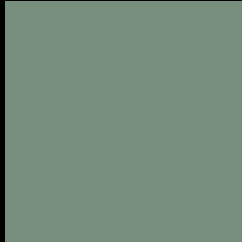
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1204, 24.8197, 23.0796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

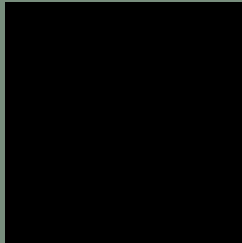
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

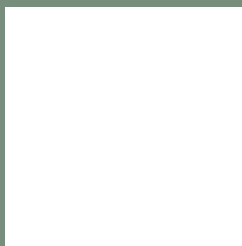
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.1204, 24.8197, 23.0796

Background



This preview shows how black text looks on a background with the XYZ color 21.1204, 24.8197, 23.0796.



This preview shows how white text looks on a background with the XYZ color 21.1204, 24.8197,

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

21.1204, 24.8197, 23.0796

Protanopia

23.4723, 24.7642, 21.9552

Deuteranopia

25.2189, 24.8071, 23.5378



Tritanopia

22.8255, 24.6320, 31.9852

Trichromacy



Original Color

21.1204, 24.8197, 23.0796

Protanomaly

22.4951, 24.6754, 22.3161

Deuteranomaly

23.5546, 24.7774, 23.2797

Tritanomaly

22.1346, 24.5696, 28.3867

Monochromacy



Original Color

21.1204, 24.8197, 23.0796

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.7355, 23.8092, 24.5691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1204, 24.8197, 23.0796 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, 142, 125)` looks like.

```
.text, #text, p{  
    color:rgb(120, 142, 125)  
}
```

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, 142, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 142, 125) }
```

Border

The CSS property to change the border of an element to XYZ 21.1204, 24.8197, 23.0796 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, 142, 125) }
```


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

```
.border{ border-color:rgb(120, 142, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 142, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 142, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 142, 125);  
box-shadow:4px 4px 4px 4px rgb(120, 142,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1204, 24.8197, 23.0796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 142, 125) }
```

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

```
.background{ background-color: rgb(120,  
142, 125) }
```

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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