

Converting Colors

XYZ(20.6385, 21.3330, 18.2014)

Have a look what the booklet for
XYZ(20.6385, 21.3330, 18.2014)
contains.

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Color

**XYZ(20.6466, 21.3878,
18.0790)**

Conversions

Conversions Part 1

Format	Color
Hex	897E6F
RGB	137, 126, 111
RGB Percent	54%, 49%, 44%
CMY	0.4627, 0.5059, 0.5647
CMYK	0.00, 0.08, 0.19, 0.46
HSL	35°, 10%, 49%
HSV	35°, 19%, 54%
XYZ	20.6466, 21.3878, 18.0790
YIQ	127.5790, 11.3710, -2.3330

Conversions

Conversions Part 2

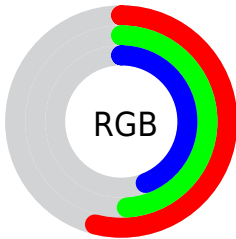
Format	Color
R_{YB}	130, 137, 111
Decimal	9010799
CIE Lab	53.37, 1.55, 9.68
CIE LCh	53, 9.803, 80.892
Yxy	21.3878, 0.3435, 0.3558
Android (android.graphics.Color)	4287200879 (0xFF897E6F)
YUV	127.5790, -8.1734, 8.2622
Hunter-Lab	46.2469, -1.2422, 9.1950

Details

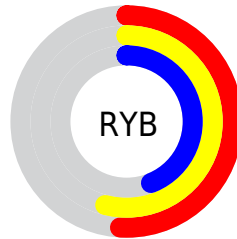
The XYZ color **20.6466, 21.3878, 18.0790** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **18.0303, 19.1041, 26.4041**, and the grayscale version is **20.3972, 21.4595, 23.3693**.

A 20% lighter version of the original color is **44.2168, 45.9609, 41.1912**, and **7.4816, 7.6929, 5.7932** is the 20% darker color. If you saturate the color by 10%, you get **19.2299, 19.6704, 14.1662**, and if you desaturate by 10%, it is **22.2231, 23.2393, 22.6164**.

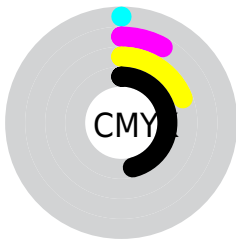
Distribution



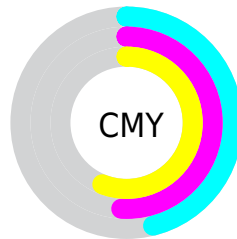
- Red (54%)
- Green (49%)
- Blue (44%)



- Red (51%)
- Yellow (54%)
- Blue (44%)



- Cyan (0%)
- Magenta (8%)
- Yellow (19%)
- Black (46%)



- Cyan (46%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6466, 21.3878, 18.0790 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 20.6466, 21.3878, 18.0790 by changing the saturation by 10% instead.

■ 20.6466, 21.3878,
18.0790

■ 20.6466, 21.3878,
18.0790

248.1618,
259.3323, 253.5670

■ 12.9769, 13.4078,
10.8367

■ 43.9944, 45.7321,
40.9876

■ 7.4895, 7.7099,
5.8443

■ 60.4031, 62.8651,
57.4911

■ 3.8191, 3.9099,
2.6834

■ 80.4556, 83.8179,
77.9186

■ 1.6003, 1.6233,
0.9351

■ 104.5173,
108.9748, 102.6888

■ 0.3926, 0.3732,
0.0000

132.9533,
138.7203, 132.2202

■ 0.0000, 0.0000,
0.0000

166.1292,

173.4388, 166.9313

204.4102,
213.5147, 207.2408

■ 20.6466, 21.3878,
18.0790

■ 20.6466, 21.3878,
18.0790

■ 19.2299, 19.6704,
14.1662

■ 22.2231, 23.2393,
22.6164

■ 17.9654, 18.0807,
10.8488

■ 23.9632, 25.2253,
27.8032

■ 16.8471, 16.6158,
8.0972

■ 25.8730, 27.3500,
33.6646

■ 15.8682, 15.2718,
5.8786

■ 27.9574, 29.6166,
40.2239

■ 15.0211, 14.0444,
4.1569

■ 30.2214, 32.0280,
47.5032

■ 14.2972, 12.9289,
2.8915

■ 32.6694, 34.5872,
55.5239

■ 13.6869, 11.9201,
2.0351

■ 35.3061, 37.2968,
64.3063

■ 13.1672, 11.0074,
1.4709

■ 38.1356, 40.1596,
73.8699

■ 13.1165, 10.9184,
1.4161

■ 41.1621, 43.1782,
84.2337

Harmonies

Analogous

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



21.6159, 21.3878, 19.1211



20.6466, 21.3878, 18.0790



19.6238, 21.3878, 18.3372

Triad

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



20.6466, 21.3878, 18.0790



18.5172, 21.3878, 25.3899



21.9197, 21.3878, 27.0896

Complementary

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



20.6466, 21.3878, 18.0790



18.0303, 19.1041, 26.4041

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.



21.0498, 21.3878, 29.0574



20.6466, 21.3878, 18.0790



19.0932, 21.3878, 28.0195

Square

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



20.6466, 21.3878, 18.0790



18.4175, 21.3878, 22.3930



20.0136, 21.3878, 29.4115



22.3672, 21.3878, 24.2059

Rectangle

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



20.6466, 21.3878, 18.0790



19.0475, 21.3878, 19.2217



20.0136, 21.3878, 29.4115



21.6656, 21.3878, 27.8900

Sweetspot

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



20.6472, 21.3888, 18.0795



40.6537, 42.6041, 43.0240



19.5305, 18.0993, 20.9634



9.0818, 9.5138, 9.5418



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



20.6472, 21.3888, 18.0795



35.7910, 36.8804, 29.0669



21.8496, 24.2121, 18.5610



5.2567, 5.4963, 5.3362



12.2300, 10.1944, 1.3231



0.0958, 0.0968, 0.0136

Inverse Universe

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



18.0303, 19.1041, 26.4041



30.1655, 31.9698, 46.9641



16.9758, 16.6684, 25.9895



4.9372, 5.2173, 6.3527



5.6243, 4.5189, 22.6215



0.0514, 0.0580, 0.1549

Previews

White Background



This preview shows how the XYZ color 20.6466, 21.3878, 18.0790 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 20.6466, 21.3878, 18.0790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

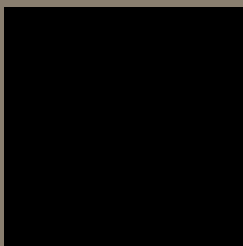
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

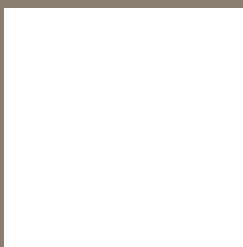
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.6466, 21.3878, 18.0790

Background



This preview shows how black text looks on a background with the XYZ color 20.6466, 21.3878, 18.0790.



This preview shows how white text looks on a background with the XYZ color 20.6466, 21.3878,

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

20.6466, 21.3878, 18.0790

Protanopia

20.1869, 21.3351, 18.3834

Deuteranopia

21.8616, 21.4468, 18.3166



Tritanopia

22.1318, 21.4348, 25.1612

Trichromacy



Original Color

20.6466, 21.3878, 18.0790

Protanomaly

20.3455, 21.4169, 18.3908

Deuteranomaly

21.4600, 21.4248, 18.3336

Tritanomaly

21.5568, 21.3849, 22.3936

Monochromacy



Original Color

20.6466, 21.3878, 18.0790

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.4623, 21.4092, 21.4663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6466, 21.3878, 18.0790 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(137, 126, 111)` looks like.

```
.text, #text, p{  
    color:rgb(137, 126, 111)  
}
```

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(137, 126, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 126, 111) }
```

Border

The CSS property to change the border of an element to XYZ 20.6466, 21.3878, 18.0790 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(137, 126, 111) }
```


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

```
.border{ border-color:rgb(137, 126, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 126, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 126, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 126, 111);  
box-shadow:4px 4px 4px 4px rgb(137, 126,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6466, 21.3878, 18.0790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 126, 111) }
```

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

```
.background{ background-color: rgb(137,  
126, 111) }
```

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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