

Converting Colors

XYZ(17.3885, 23.1812, 20.0809)

Have a look what the booklet for
XYZ(17.3885, 23.1812, 20.0809)
contains.

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Color

**XYZ(17.3885, 23.1812,
20.0809)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8F74
RGB	92, 143, 116
RGB Percent	36%, 56%, 45%
CMY	0.6392, 0.4392, 0.5451
CMYK	0.36, 0.00, 0.19, 0.44
HSL	148°, 22%, 46%
HSV	148°, 36%, 56%
XYZ	17.3885, 23.1812, 20.0809
YIQ	124.6730, -21.7290, -19.2090

Conversions

Conversions Part 2

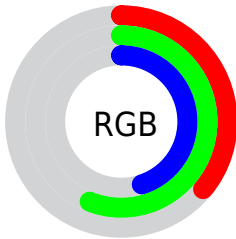
Format	Color
R _Y B	92, 127, 143
Decimal	6066036
CIE Lab	55.26, -23.31, 9.02
CIE LCh	55, 24.989, 158.849
Yxy	23.1812, 0.2867, 0.3822
Android (android.graphics.Color)	4284256116 (0xFF5C8F74)
YUV	124.6730, -4.2758, -28.6542
Hunter-Lab	48.1469, -19.7908, 8.9744

Details

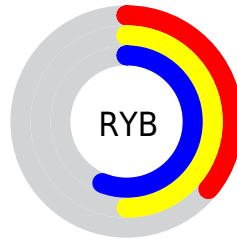
The XYZ color **17.3885, 23.1812, 20.0809** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.4854, 14.8265, 19.3413**, and the grayscale version is **19.4028, 20.4132, 22.2300**.

A 20% lighter version of the original color is **38.5357, 48.6889, 44.4126**, and **5.8668, 8.5852, 6.8167** is the 20% darker color. If you saturate the color by 10%, you get **15.6701, 22.3448, 17.7947**, and if you desaturate by 10%, it is **19.4138, 24.1729, 22.5698**.

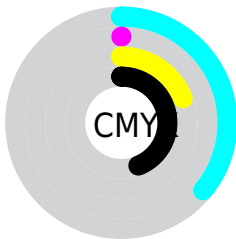
Distribution



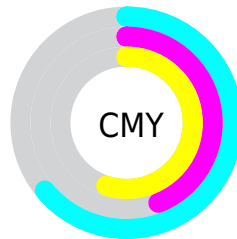
- Red (36%)
- Green (56%)
- Blue (45%)



- Red (36%)
- Yellow (50%)
- Blue (56%)



- Cyan (36%)
- Magenta (0%)
- Yellow (19%)
- Black (44%)



- Cyan (64%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3885, 23.1812, 20.0809 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 17.3885, 23.1812, 20.0809 by changing the saturation by 10% instead.

■ 17.3885, 23.1812,
20.0809

■ 17.3885, 23.1812,
20.0809

230.5142,
268.6543, 264.9715

■ 10.6089, 14.7274,
12.2692

■ 38.5309, 48.6907,
44.4135

■ 5.8698, 8.6283,
6.8025

■ 53.6243, 66.5151,
61.7715

■ 2.8060, 4.4995,
3.2623

■ 72.2197, 88.2319,
83.1487

■ 1.0520, 1.9567,
1.2301

■ 94.6825, 114.2254,
108.9637

■ 0.0000, 0.5821,
0.0035

121.3780,
144.8799, 139.6349

■ 0.0000, 0.0000,
0.0000

152.6715,

180.5800, 175.5809

188.9285,
221.7100, 217.2202

■ 17.3885, 23.1812,
20.0809

■ 17.3885, 23.1812,
20.0809

■ 15.6701, 22.3448,
17.7947

■ 19.4138, 24.1729,
22.5698

■ 14.2406, 21.6526,
15.7045

■ 21.7589, 25.3246,
25.2650

■ 13.0829, 21.0967,
13.8054

■ 24.4382, 26.6443,
28.1716

■ 12.1776, 20.6670,
12.0917

■ 27.4649, 28.1386,
31.2944

■ 11.5020, 20.3520,
10.5573

■ 30.8511, 29.8138,
34.6378

■ 11.0242, 20.1353,
9.1954

■ 34.6087, 31.6758,
38.2061

■ 10.8448, 20.0545,
8.6556

■ 38.7486, 33.7303,
42.0037

■ 43.2817, 35.9827,
46.0345

■ 48.2182, 38.4381,
50.3026

Harmonies

Analogous

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



18.8290, 23.1812, 15.0453



17.3885, 23.1812, 20.0809



17.1350, 23.1812, 27.6844

Triad

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



17.3885, 23.1812, 20.0809



22.8707, 23.1812, 43.7220



26.4923, 23.1812, 16.7597

Complementary

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



17.3885, 23.1812, 20.0809



18.4854, 14.8265, 19.3413

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.



27.7854, 23.1812, 22.9446



17.3885, 23.1812, 20.0809



25.5814, 23.1812, 39.2356

Square

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



17.3885, 23.1812, 20.0809



20.1490, 23.1812, 42.5014



27.4387, 23.1812, 31.2156



24.0310, 23.1812, 13.4289

Rectangle

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



17.3885, 23.1812, 20.0809



17.6504, 23.1812, 33.4247



27.4387, 23.1812, 31.2156



27.0871, 23.1812, 18.5146

Sweetspot

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



17.3891, 23.1822, 20.0814



41.0163, 46.3601, 47.5034



19.3903, 24.3548, 13.8045



9.2764, 10.5676, 10.7522



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.



17.3891, 23.1822, 20.0814



28.5635, 40.2583, 32.5594



19.0670, 23.8533, 28.9168



5.4419, 6.0690, 6.2928



9.5989, 17.7354, 7.7079



0.1028, 0.1740, 0.1315

Inverse Universe

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



18.4854, 14.8265, 19.3413



30.8348, 22.9412, 31.0211



17.1625, 14.2973, 12.3747



5.5207, 5.4688, 6.2399



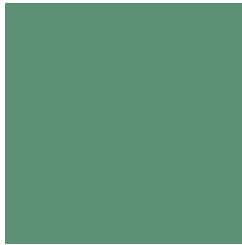
11.1710, 5.6254, 6.5517



0.1179, 0.0582, 0.1213

Previews

White Background



This preview shows how the XYZ color 17.3885, 23.1812, 20.0809 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 17.3885, 23.1812, 20.0809 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 17.3885, 23.1812, 20.0809

Background



This preview shows how black text looks on a background with the XYZ color 17.3885, 23.1812, 20.0809.



This preview shows how white text looks on a background with the XYZ color 17.3885, 23.1812,

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

17.3885, 23.1812, 20.0809

Protanopia

21.5782, 22.8474, 18.0245

Deuteranopia

23.3136, 22.9002, 20.6442



Tritanopia

19.7391, 23.0316, 32.2593

Trichromacy



Original Color

17.3885, 23.1812, 20.0809

Protanomaly

19.6146, 22.6354, 18.6645

Deuteranomaly

20.5596, 22.6723, 20.4321

Tritanomaly

18.7894, 23.0779, 27.5089

Monochromacy



Original Color

17.3885, 23.1812, 20.0809

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.5742, 21.4184, 21.5676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3885, 23.1812, 20.0809 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(92, 143, 116)` looks like.

```
.text, #text, p{  
    color:rgb(92, 143, 116)  
}
```

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(92, 143, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 143, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.3885, 23.1812, 20.0809 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(92, 143, 116) }
```


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

```
.border{ border-color:rgb(92, 143, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 143, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 143, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 143, 116);  
box-shadow:4px 4px 4px 4px rgb(92, 143,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3885, 23.1812, 20.0809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 143, 116) }
```

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

```
.background{ background-color: rgb(92, 143,  
116) }
```

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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