

Converting Colors

XYZ(18.4207, 23.2498, 17.1872)

Have a look what the booklet for
XYZ(18.4207, 23.2498, 17.1872)
contains.

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Color

**XYZ(18.4331, 23.3416,
17.1695)**

Conversions

Conversions Part 1

Format	Color
Hex	6D8D6A
RGB	109, 141, 106
RGB Percent	43%, 55%, 42%
CMY	0.5725, 0.4470, 0.5843
CMYK	0.23, 0.00, 0.25, 0.45
HSL	115°, 14%, 48%
HSV	115°, 25%, 55%
XYZ	18.4331, 23.3416, 17.1695
YIQ	127.4420, -7.8370, -17.6690

Conversions

Conversions Part 2

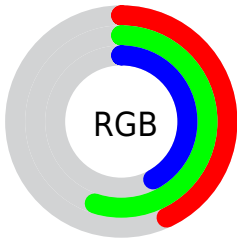
Format	Color
RYB	106, 141, 138
Decimal	7179626
CIELab	55.42, -18.44, 15.09
CIELCh	55, 23.827, 140.702
Yxy	23.3416, 0.3127, 0.3960
Android (android.graphics.Color)	4285369706 (0xFF6D8D6A)
YUV	127.4420, -10.5709, -16.1736
Hunter-Lab	48.3131, -16.4442, 12.7488

Details

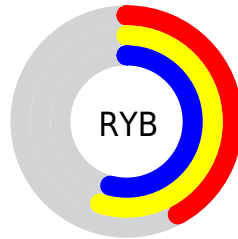
The XYZ color **18.4331, 23.3416, 17.1695** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.4439, 17.6351, 27.5269**, and the grayscale version is **20.3627, 21.4231, 23.3298**.

A 20% lighter version of the original color is **40.2989, 49.0416, 39.2403**, and **6.3940, 8.7586, 5.4913** is the 20% darker color. If you saturate the color by 10%, you get **16.2881, 22.3144, 13.5511**, and if you desaturate by 10%, it is **20.9325, 24.5390, 21.4349**.

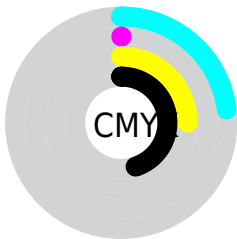
Distribution



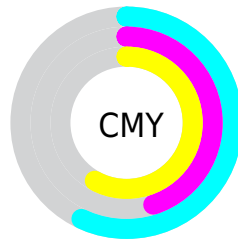
- Red (43%)
- Green (55%)
- Blue (42%)



- Red (42%)
- Yellow (55%)
- Blue (54%)



- Cyan (23%)
- Magenta (0%)
- Yellow (25%)
- Black (45%)



- Cyan (57%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4331, 23.3416, 17.1695 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 18.4331, 23.3416, 17.1695 by changing the saturation by 10% instead.

■ 18.4331, 23.3416,
17.1695

■ 18.4331, 23.3416,
17.1695

236.2997,
269.4747, 248.2242

■ 11.3629, 14.8459,
10.1922

■ 40.2983, 48.9536,
39.4116

■ 6.3806, 8.7113,
5.4193

■ 55.8240, 66.8388,
55.5135

■ 3.1207, 4.5534,
2.4323

■ 74.8989, 88.6226,
75.4940

■ 1.2179, 1.9877,
0.8040

■ 97.8885, 114.6894,
99.7716

■ 0.1204, 0.6003,
0.0000

125.1580,
145.4236, 128.7649

■ 0.0000, 0.0000,
0.0000

157.0728,

181.2096, 162.8924

193.9982,
222.4319, 202.5726

■ 18.4331, 23.3416,
17.1695

■ 18.4331, 23.3416,
17.1695

■ 16.2881, 22.3144,
13.5511

■ 20.9325, 24.5390,
21.4349

■ 14.4798, 21.4468,
10.5468

■ 23.7996, 25.9106,
26.3750

■ 12.9916, 20.7317,
8.1228

■ 27.0489, 27.4642,
32.0180

■ 11.8046, 20.1602,
6.2417

■ 30.6939, 29.2060,
38.3899

■ 10.8983, 19.7226,
4.8617

■ 34.7473, 31.1421,
45.5153

■ 10.2493, 19.4078,
3.9349

■ 39.2211, 33.2781,
53.4177

■ 9.8292, 19.2027,
3.3980

■ 44.1271, 35.6197,
62.1196

■ 9.6781, 19.1295,
3.1823

■ 49.4764, 38.1721,
71.6427

■ 55.2797, 40.9405,
82.0077

Harmonies

Analogous

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



20.4138, 23.3416, 13.9618



18.4331, 23.3416, 17.1695



17.4803, 23.3416, 23.1051

Triad

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



18.4331, 23.3416, 17.1695



21.3636, 23.3416, 42.9312



27.3615, 23.3416, 20.5484

Complementary

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



18.4331, 23.3416, 17.1695



20.4439, 17.6351, 27.5269

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.



27.6673, 23.3416, 27.8740



18.4331, 23.3416, 17.1695



24.0568, 23.3416, 41.8640

Square

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



18.4331, 23.3416, 17.1695



19.0802, 23.3416, 38.6266



26.4154, 23.3416, 35.9507



25.6106, 23.3416, 15.6225

Rectangle

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



18.4331, 23.3416, 17.1695



17.4990, 23.3416, 28.2543



26.4154, 23.3416, 35.9507



27.6419, 23.3416, 22.7727

Sweetspot

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



18.4337, 23.3426, 17.1700



41.3644, 45.7993, 45.0623



22.6040, 24.7383, 17.2196



9.1821, 10.2022, 9.9667



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.



18.4337, 23.3426, 17.1700



30.6990, 40.6934, 26.8386



18.8596, 23.4711, 21.3063



5.3831, 6.0501, 5.7734



8.8308, 17.4450, 2.9018



0.0912, 0.1703, 0.0281

Inverse Universe

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



20.4439, 17.6351, 27.5269



34.9596, 28.5877, 48.8033



19.9701, 17.5037, 22.4055



5.5813, 5.4879, 6.7939



12.6336, 6.0064, 23.4706



0.1295, 0.0619, 0.2248

Previews

White Background



This preview shows how the XYZ color 18.4331, 23.3416, 17.1695 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 18.4331, 23.3416, 17.1695 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 18.4331, 23.3416, 17.1695

Background



This preview shows how black text looks on a background with the XYZ color 18.4331, 23.3416, 17.1695.



This preview shows how white text looks on a background with the XYZ color 18.4331, 23.3416,

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

18.4331, 23.3416, 17.1695

Protanopia

21.6340, 23.1246, 15.8936

Deuteranopia

23.4866, 23.0552, 17.6802



Tritanopia

21.1949, 23.3966, 30.5930

Trichromacy



Original Color

18.4331, 23.3416, 17.1695

Protanomaly

20.1654, 22.9743, 16.2036

Deuteranomaly

21.2746, 22.9036, 17.4869

Tritanomaly

19.9953, 23.3264, 24.9213

Monochromacy



Original Color

18.4331, 23.3416, 17.1695

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.3268, 21.8275, 20.6473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4331, 23.3416, 17.1695 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(109, 141, 106)` looks like.

```
.text, #text, p{  
    color:rgb(109, 141, 106)  
}
```

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(109, 141, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 141, 106) }
```

Border

The CSS property to change the border of an element to XYZ 18.4331, 23.3416, 17.1695 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(109, 141, 106) }
```


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

```
.border{ border-color:rgb(109, 141, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 141, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 141, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 141, 106);  
box-shadow:4px 4px 4px 4px rgb(109, 141,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4331, 23.3416, 17.1695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 141, 106) }
```

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

```
.background{ background-color: rgb(109,  
141, 106) }
```

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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