

Converting Colors

XYZ(16.5331, 17.1406, 19.4894)

Have a look what the booklet for
XYZ(16.5331, 17.1406, 19.4894)
contains.

XYZ(16.4898, 17.0556, 19.5625)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.4898, 17.0556,
19.5625)**

Conversions

Conversions Part 1

Format	Color
Hex	747276
RGB	116, 114, 118
RGB Percent	45%, 45%, 46%
CMY	0.5451, 0.5529, 0.5373
CMYK	0.02, 0.03, 0.00, 0.54
HSL	270°, 2%, 45%
HSV	270°, 3%, 46%
XYZ	16.4898, 17.0556, 19.5625
YIQ	115.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

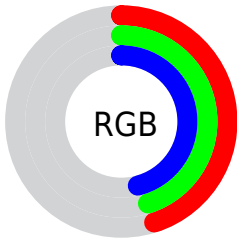
Format	Color
R_{YB}	116, 114, 118
Decimal	7631478
CIE _{Lab}	48.33, 1.58, -1.94
CIE _{LCh}	48, 2.503, 309.180
Yxy	17.0556, 0.3105, 0.3211
Android (android.graphics.Color)	4285821558 (0xFF747276)
YUV	115.0540, 1.4524, 0.8296
Hunter-Lab	41.2984, -1.0001, 0.8240

Details

The XYZ color **16.4898, 17.0556, 19.5625** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.7187, 17.8852, 18.4914**, and the grayscale version is **16.3082, 17.1575, 18.6845**.

A 20% lighter version of the original color is **37.0404, 38.4995, 43.5091**, and **5.4376, 5.5676, 6.5824** is the 20% darker color. If you saturate the color by 10%, you get **14.4842, 14.1720, 19.1119**, and if you desaturate by 10%, it is **18.7180, 20.3098, 20.0734**.

Distribution



Red (45%)

Green (45%)

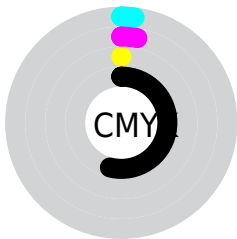
Blue (46%)



Red (45%)

Yellow (45%)

Blue (46%)

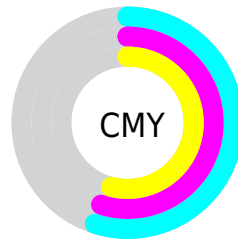


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (54%)



Cyan (55%)

Magenta (55%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4898, 17.0556, 19.5625 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 16.4898, 17.0556, 19.5625 by changing the saturation by 10% instead.

■ 16.4898, 17.0556,
19.5625

■ 16.4898, 17.0556,
19.5625

225.4289,
235.4926, 262.0622

■ 9.9644, 10.2741,
11.8965

■ 36.9971, 38.4213,
43.5317

■ 5.4375, 5.5811,
6.5516

■ 51.7097, 53.7744,
60.6721

■ 2.5435, 2.5921,
3.1091

■ 69.8821, 72.7535,
81.8076

■ 0.9173, 0.9227,
1.1506

■ 91.8797, 95.7430,
107.3569

■ 0.0000, 0.0000,
0.0000

118.0679,
123.1272, 137.7384

148.8118,

155.2906, 173.3708

184.4771,
192.6176, 214.6725

■ 16.4898, 17.0556,
19.5625

■ 16.4898, 17.0556,
19.5625

■ 14.4842, 14.1720,
19.1119

■ 18.7180, 20.3098,
20.0734

■ 12.6922, 11.6433,
18.7182

■ 21.1744, 23.9453,
20.6457

■ 11.1064, 9.4560,
18.3796

■ 23.8661, 27.9749,
21.2816

■ 9.7186, 7.5945,
18.0935

■ 26.7997, 32.4102,
21.9831

■ 8.5196, 6.0425,
17.8571

■ 29.9813, 37.2625,
22.7520

■ 7.4997, 4.7818,
17.6675

■ 33.4169, 42.5424,
23.5901

■ 6.6480, 3.7925,
17.5214

■ 37.1122, 48.2602,
24.4989

■ 5.9524, 3.0518,
17.4151

■ 41.0727, 54.4260,
25.4803

■ 5.3973, 2.5304,
17.3437

■ 45.3039, 61.0492,
26.5357

Harmonies

Analogous

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



16.2810, 17.0556, 19.8398



16.4898, 17.0556, 19.5625



16.6247, 17.0556, 19.0212

Triad

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



16.4898, 17.0556, 19.5625



16.3674, 17.0556, 17.4200



15.7813, 17.0556, 18.7720

Complementary

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



16.4898, 17.0556, 19.5625



16.7187, 17.8852, 18.4914

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.



15.8039, 17.0556, 18.1273



16.4898, 17.0556, 19.5625



16.1409, 17.0556, 17.3568

Square

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



16.4898, 17.0556, 19.5625



16.5536, 17.0556, 17.7875



15.9350, 17.0556, 17.6129



15.8729, 17.0556, 19.3764

Rectangle

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



16.4898, 17.0556, 19.5625



16.6538, 17.0556, 18.5886



15.9350, 17.0556, 17.6129



15.7758, 17.0556, 18.5527

Sweetspot

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



16.4903, 17.0563, 19.5629



29.8851, 31.2828, 34.6001



16.4631, 17.3922, 19.6291



6.8780, 7.2025, 7.9567



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



16.4903, 17.0563, 19.5629



28.7313, 29.6083, 34.3377



16.7500, 17.1902, 19.5750



3.8787, 3.9884, 4.6557



5.4734, 2.4130, 18.7198



25.6845, 11.2494, 91.1779

Inverse Universe

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



16.6415, 17.1478, 18.9565



29.0522, 29.8025, 33.0505



16.4644, 17.7541, 18.4795



3.9266, 4.0174, 4.4635



8.9310, 4.5061, 4.8447



43.0893, 21.7858, 21.3314

Previews

White Background



This preview shows how the XYZ color 16.4898, 17.0556, 19.5625 looks on a white 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

Black Background



This preview shows how the XYZ color 16.4898, 17.0556, 19.5625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

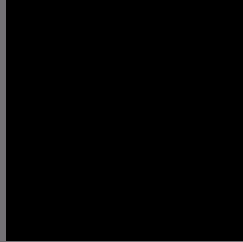
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.4898, 17.0556, 19.5625

Background



This preview shows how black text looks on a background with the XYZ color 16.4898, 17.0556, 19.5625.



This preview shows how white text looks on a background with the XYZ color 16.4898, 17.0556,

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

16.4898, 17.0556, 19.5625

Protanopia

16.4898, 17.0556, 19.5625

Deuteranopia

17.3264, 16.9859, 19.8182



Tritanopia

16.7541, 16.9973, 20.8101

Trichromacy



Original Color

16.4898, 17.0556, 19.5625

Protanomaly

16.4898, 17.0556, 19.5625

Deuteranomaly

17.0091, 16.9852, 19.8348

Tritanomaly

16.6924, 16.9726, 20.4854

Monochromacy



Original Color

16.4898, 17.0556, 19.5625

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.3534, 17.1673, 18.9747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4898, 17.0556, 19.5625 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(116, 114, 118)` looks like.

```
.text, #text, p{  
    color:rgb(116, 114, 118)  
}
```

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(116, 114, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 114, 118) }
```

Border

The CSS property to change the border of an element to XYZ 16.4898, 17.0556, 19.5625 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(116, 114, 118) }
```


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

```
.border{ border-color:rgb(116, 114, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 114, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 114, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 114, 118);  
box-shadow:4px 4px 4px 4px rgb(116, 114,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4898, 17.0556, 19.5625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 114, 118) }
```

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

```
.background{ background-color: rgb(116,  
114, 118) }
```

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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