

Converting Colors

XYZ(18.6086, 17.7887, 18.3085)

Have a look what the booklet for
XYZ(18.6086, 17.7887, 18.3085)
contains.

XYZ(18.6629, 17.8716, 18.3855)	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(18.6629, 17.8716,
18.3855)**

Conversions

Conversions Part 1

Format	Color
Hex	867072
RGB	134, 112, 114
RGB Percent	53%, 44%, 45%
CMY	0.4745, 0.5608, 0.5529
CMYK	0.00, 0.16, 0.15, 0.47
HSL	355°, 9%, 48%
HSV	355°, 16%, 53%
XYZ	18.6629, 17.8716, 18.3855
YIQ	118.8060, 12.4700, 5.2860

Conversions

Conversions Part 2

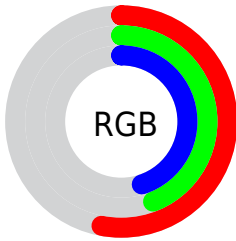
Format	Color
R_{YB}	134, 112, 114
Decimal	8810610
CIE _{Lab}	49.34, 8.98, 2.11
CIE _{LCh}	49, 9.221, 13.235
Yxy	17.8716, 0.3398, 0.3254
Android (android.graphics.Color)	4287000690 (0xFF867072)
YUV	118.8060, -2.3694, 13.3251
Hunter-Lab	42.2748, 4.8208, 3.8069

Details

The XYZ color **18.6629, 17.8716, 18.3855** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.3727, 22.1612, 25.0873**, and the grayscale version is **17.4782, 18.3884, 20.0250**.

A 20% lighter version of the original color is **40.6519, 39.8689, 41.6293**, and **6.4729, 5.9450, 5.9606** is the 20% darker color. If you saturate the color by 10%, you get **16.6451, 14.8728, 14.5164**, and if you desaturate by 10%, it is **20.9941, 21.3491, 22.8153**.

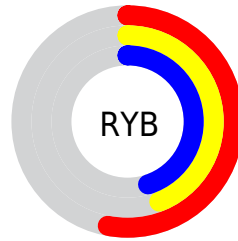
Distribution



Red (53%)

Green (44%)

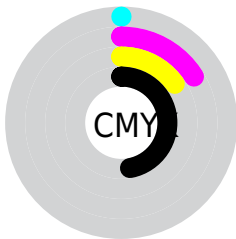
Blue (45%)



Red (53%)

Yellow (44%)

Blue (45%)

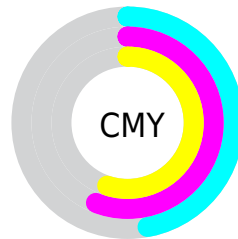


Cyan (0%)

Magenta (16%)

Yellow (15%)

Black (47%)



Cyan (47%)

Magenta (56%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6629, 17.8716, 18.3855 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 18.6629, 17.8716, 18.3855 by changing the saturation by 10% instead.

■ 18.6629, 17.8716,
18.3855

■ 18.6629, 17.8716,
18.3855

237.5554,
240.1463, 255.3437

■ 11.5295, 10.8578,
11.0548

■ 40.6850, 39.8184,
41.5159

■ 6.4941, 5.9713,
5.9891

■ 56.3044, 55.5203,
58.1527

■ 3.1913, 2.8277,
2.7698

■ 75.4832, 74.8869,
78.7286

■ 1.2557, 1.0424,
0.9783

■ 98.5867, 98.3028,
103.6621

■ 0.1497, 0.0000,
0.0000

125.9804,
126.1523, 133.3719

■ 0.0000, 0.0000,
0.0000

158.0295,

158.8198, 168.2764

195.0993,
196.6896, 208.7941

■ 18.6629, 17.8716,
18.3855

■ 18.6629, 17.8716,
18.3855

■ 16.6451, 14.8728,
14.5164

■ 20.9941, 21.3491,
22.8153

■ 14.9260, 12.3294,
11.1845

■ 23.6498, 25.3224,
27.8257

■ 13.4917, 10.2199,
8.3665

■ 26.6423, 29.8108,
33.4371

■ 12.3269, 8.5201,
6.0366

■ 29.9829, 34.8317,
39.6685

■ 11.4146, 7.2032,
4.1670

■ 33.6821, 40.4019,
46.5381

■ 10.7359, 6.2395,
2.7272

■ 37.7504, 46.5373,
54.0633

■ 10.2694, 5.5949,
1.6828

■ 42.1974, 53.2532,
62.2609

■ 9.9812, 5.2116,
0.9913

■ 47.0328, 60.5643,
71.1470

■ 9.8989, 5.0953,
0.8149

■ 52.2656, 68.4849,
80.7373

Harmonies

Analogous

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



18.6346, 17.8716, 20.8702



18.6629, 17.8716, 18.3855



18.2312, 17.8716, 16.3660

Triad

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



18.6629, 17.8716, 18.3855



15.8690, 17.8716, 16.1813



16.5097, 17.8716, 24.4024

Complementary

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



18.6629, 17.8716, 18.3855



19.3727, 22.1612, 25.0873

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.



15.7996, 17.8716, 22.9193



18.6629, 17.8716, 18.3855



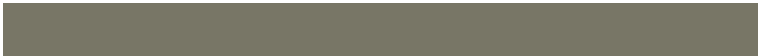
15.4384, 17.8716, 18.1131

Square

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



18.6629, 17.8716, 18.3855



16.6073, 17.8716, 15.1684



15.4135, 17.8716, 20.5738



17.3713, 17.8716, 24.4911

Rectangle

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



18.6629, 17.8716, 18.3855



17.7489, 17.8716, 15.4969



15.4135, 17.8716, 20.5738



16.2461, 17.8716, 24.0450

Sweetspot

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



18.6634, 17.8724, 18.3859



37.5674, 38.4784, 41.2917



19.5822, 18.1998, 25.0351



8.4040, 8.5797, 9.1898



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



18.6634, 17.8724, 18.3859



31.3869, 29.2632, 29.5336



19.5697, 19.8650, 18.1332



4.6885, 4.6951, 4.9719



9.2788, 4.7759, 0.7745



0.0332, 0.0170, 0.0082

Inverse Universe

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



18.6634, 17.8724, 18.3859



31.3869, 29.2632, 29.5336



18.3448, 19.8845, 25.4255



4.6885, 4.6951, 4.9719



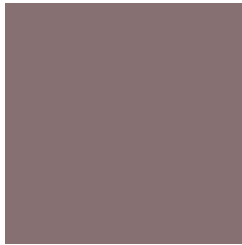
9.2788, 4.7759, 0.7745



0.0332, 0.0170, 0.0082

Previews

White Background



This preview shows how the XYZ color 18.6629, 17.8716, 18.3855 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 18.6629, 17.8716, 18.3855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

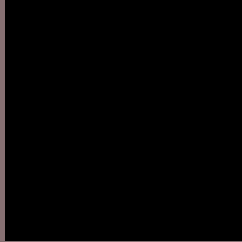
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.6629, 17.8716, 18.3855

Background



This preview shows how black text looks on a background with the XYZ color 18.6629, 17.8716, 18.3855.



This preview shows how white text looks on a background with the XYZ color 18.6629, 17.8716,

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

18.6629, 17.8716, 18.3855

Protanopia

17.3179, 18.0000, 19.3912

Deuteranopia

18.2605, 17.9954, 18.4306



Tritanopia

19.0663, 17.8758, 20.2148

Trichromacy



Original Color

18.6629, 17.8716, 18.3855

Protanomaly

17.7406, 17.8824, 19.0396

Deuteranomaly

18.3025, 17.8505, 18.4004

Tritanomaly

18.9461, 17.8278, 19.5821

Monochromacy



Original Color

18.6629, 17.8716, 18.3855

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.7685, 18.0602, 19.3791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6629, 17.8716, 18.3855 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(134, 112, 114)` looks like.

```
.text, #text, p{  
    color:rgb(134, 112, 114)  
}
```

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(134, 112, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 112, 114) }
```

Border

The CSS property to change the border of an element to XYZ 18.6629, 17.8716, 18.3855 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(134, 112, 114) }
```


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

```
.border{ border-color:rgb(134, 112, 114) }
```

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

Here you see how a box with a 4 pixel rgb(134, 112, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 112, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 112, 114);  
box-shadow:4px 4px 4px 4px rgb(134, 112,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6629, 17.8716, 18.3855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 112, 114) }
```

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

```
.background{ background-color: rgb(134,  
112, 114) }
```

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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