

Converting Colors

XYZ(17.2503, 17.3085, 18.0392)

Have a look what the booklet for
XYZ(17.2503, 17.3085, 18.0392)
contains.

XYZ(17.1979, 17.2876, 18.0532)	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(17.1979, 17.2876,
18.0532)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7171
RGB	124, 113, 113
RGB Percent	49%, 44%, 44%
CMY	0.5137, 0.5568, 0.5569
CMYK	0.00, 0.09, 0.09, 0.51
HSL	0°, 5%, 46%
HSV	0°, 9%, 49%
XYZ	17.1979, 17.2876, 18.0532
YIQ	116.2890, 6.5560, 2.3320

Conversions

Conversions Part 2

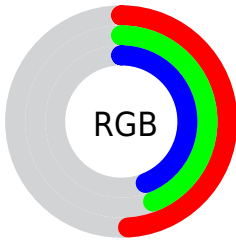
Format	Color
R_{YB}	124, 113, 113
Decimal	8155505
CIE _{Lab}	48.62, 4.27, 1.54
CIE _{LCh}	49, 4.535, 19.856
Yxy	17.2876, 0.3273, 0.3290
Android (android.graphics.Color)	4286345585 (0xFF7C7171)
YUV	116.2890, -1.6215, 6.7625
Hunter-Lab	41.5784, 1.0702, 3.3613

Details

The XYZ color **17.1979, 17.2876, 18.0532** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.6556, 19.3807, 21.8792**, and the grayscale version is **16.6929, 17.5623, 19.1253**.

A 20% lighter version of the original color is **38.3781, 38.9740, 41.0973**, and **5.7461, 5.6581, 5.7903** is the 20% darker color. If you saturate the color by 10%, you get **15.2572, 14.4479, 14.1942**, and if you desaturate by 10%, it is **19.4240, 20.5449, 22.4784**.

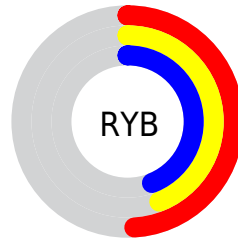
Distribution



Red (49%)

Green (44%)

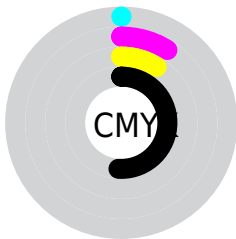
Blue (44%)



Red (49%)

Yellow (44%)

Blue (44%)

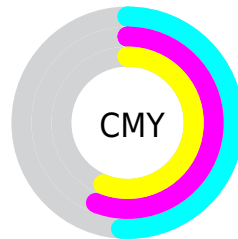


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (51%)



Cyan (51%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1979, 17.2876, 18.0532 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 17.1979, 17.2876, 18.0532 by changing the saturation by 10% instead.

■ 17.1979, 17.2876,
18.0532

■ 17.1979, 17.2876,
18.0532

229.4443,
236.8243, 253.4169

■ 10.4719, 10.4398,
10.8184

■ 38.2066, 38.8196,
40.9431

■ 5.7776, 5.6915,
5.8322

■ 53.2200, 54.2725,
57.4353

■ 2.7497, 2.6584,
2.6762

■ 71.7266, 73.3626,
77.8503

■ 1.0228, 0.9561,
0.9314

■ 94.0917, 96.4743,
102.6067

■ 0.0000, 0.0000,
0.0000

120.6806,
123.9919, 132.1230

151.8588,

156.2998, 166.8178

187.9916,
193.7825, 207.1096

■ 17.1979, 17.2876,
18.0532

■ 17.1979, 17.2876,
18.0532

■ 15.2572, 14.4479,
14.1942

■ 19.4240, 20.5449,
22.4784

■ 13.5889, 12.0068,
10.8775

■ 21.9447, 24.2333,
27.4901

■ 12.1813, 9.9471,
8.0792

■ 24.7709, 28.3686,
33.1092

■ 11.0212, 8.2495,
5.7730

■ 27.9123, 32.9650,
39.3549

■ 10.0943, 6.8933,
3.9306

■ 31.3781, 38.0362,
46.2458

■ 9.3849, 5.8551,
2.5205

■ 35.1774, 43.5952,
53.7998

■ 8.8752, 5.1093,
1.5075

■ 39.3186, 49.6546,
62.0337

■ 8.5448, 4.6257,
0.8509

■ 43.8101, 56.2265,
70.9641

■ 8.3354, 4.3192,
0.4346

■ 48.6599, 63.3226,
80.6070

Harmonies

Analogous

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



17.2342, 17.2876, 19.2310



17.1979, 17.2876, 18.0532



16.9543, 17.2876, 17.1201

Triad

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



17.1979, 17.2876, 18.0532



15.8254, 17.2876, 17.3798



16.2904, 17.2876, 21.1780

Complementary

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



17.1979, 17.2876, 18.0532



17.6556, 19.3807, 21.8792

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.



15.9193, 17.2876, 20.6357



17.1979, 17.2876, 18.0532



15.6538, 17.2876, 18.4213

Square

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



17.1979, 17.2876, 18.0532



16.1602, 17.2876, 16.7429



15.6879, 17.2876, 19.6149



16.7055, 17.2876, 21.0692

Rectangle

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



17.1979, 17.2876, 18.0532



16.7093, 17.2876, 16.7465



15.6879, 17.2876, 19.6149



16.1565, 17.2876, 21.0649

Sweetspot

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



17.1984, 17.2884, 18.0536



32.4741, 33.6558, 36.1619



17.8555, 17.5508, 21.5154



7.5806, 7.8276, 8.3824



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.1984, 17.2884, 18.0536



29.4036, 29.1629, 30.0573



17.8304, 18.5524, 18.2643



3.9984, 4.0152, 4.1888



8.4504, 4.3568, 0.3956



40.3087, 20.7808, 1.8866

Inverse Universe

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



17.6556, 19.3807, 21.8792



30.4093, 33.7648, 38.4711



16.9858, 18.0411, 21.6559



4.1070, 4.5123, 5.0977



11.0223, 16.1270, 21.9172



52.5765, 76.9255, 104.5468

Previews

White Background



This preview shows how the XYZ color 17.1979, 17.2876, 18.0532 looks on a white background.

Color Contrast Check

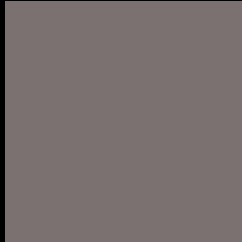
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1979, 17.2876, 18.0532 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 17.1979, 17.2876, 18.0532

Background



This preview shows how black text looks on a background with the XYZ color 17.1979, 17.2876, 18.0532.



This preview shows how white text looks on a background with the XYZ color 17.1979, 17.2876,

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

17.1979, 17.2876, 18.0532

Protanopia

16.6392, 17.3279, 18.3872

Deuteranopia

17.5272, 17.2926, 18.0368



Tritanopia

17.7028, 17.3288, 20.5009

Trichromacy



Original Color

17.1979, 17.2876, 18.0532

Protanomaly

16.8003, 17.2426, 18.3623

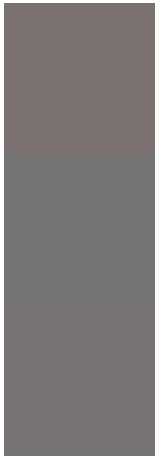
Deuteranomaly

17.3790, 17.2162, 18.0299

Tritanomaly

17.5216, 17.2563, 19.5469

Monochromacy



Original Color

17.1979, 17.2876, 18.0532

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.8330, 17.4212, 18.6951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1979, 17.2876, 18.0532 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(124, 113, 113) looks like.

```
.text, #text, p{  
    color:rgb(124, 113, 113)  
}
```

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(124, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 113, 113) }
```

Border

The CSS property to change the border of an element to XYZ 17.1979, 17.2876, 18.0532 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(124, 113, 113) }
```


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

```
.border{ border-color:rgb(124, 113, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 113, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 113, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 113, 113);  
box-shadow:4px 4px 4px 4px rgb(124, 113,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1979, 17.2876, 18.0532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 113, 113) }
```

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

```
.background{ background-color: rgb(124,  
113, 113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor