

Converting Colors

XYZ(17.3512, 17.2678, 18.4392)

Have a look what the booklet for
XYZ(17.3512, 17.2678, 18.4392)
contains.

XYZ(17.2889, 17.1632, 18.3212)	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(17.2889, 17.1632,
18.3212)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7072
RGB	125, 112, 114
RGB Percent	49%, 44%, 45%
CMY	0.5098, 0.5608, 0.5529
CMYK	0.00, 0.10, 0.09, 0.51
HSL	351°, 5%, 46%
HSV	351°, 10%, 49%
XYZ	17.2889, 17.1632, 18.3212
YIQ	116.1150, 7.1060, 3.3780

Conversions

Conversions Part 2

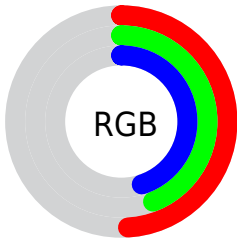
Format	Color
R _Y B	125, 112, 114
Decimal	8220786
CIE Lab	48.47, 5.43, 0.73
CIE LCh	48, 5.482, 7.669
Yxy	17.1632, 0.3276, 0.3252
Android (android.graphics.Color)	4286410866 (0xFF7D7072)
YUV	116.1150, -1.0427, 2.7921
Hunter-Lab	41.4285, 1.9916, 2.7797

Details

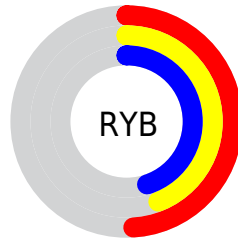
The XYZ color **17.2889, 17.1632, 18.3212** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.5915, 19.5425, 21.5848**, and the grayscale version is **16.6377, 17.5041, 19.0620**.

A 20% lighter version of the original color is **38.5185, 38.7691, 41.5294**, and **5.7973, 5.5966, 5.9290** is the 20% darker color. If you saturate the color by 10%, you get **15.4366, 14.3671, 14.9029**, and if you desaturate by 10%, it is **19.4033, 20.3717, 22.1710**.

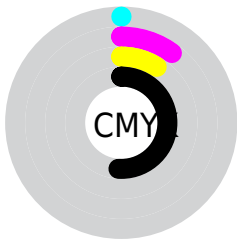
Distribution



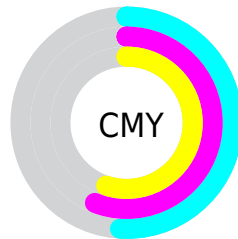
- Red (49%)
- Green (44%)
- Blue (45%)



- Red (49%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (51%)



- Cyan (51%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2889, 17.1632, 18.3212 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 17.2889, 17.1632, 18.3212 by changing the saturation by 10% instead.

■ 17.2889, 17.1632,
18.3212

■ 17.2889, 17.1632,
18.3212

229.9557,
236.1111, 254.9719

■ 10.5373, 10.3509,
11.0090

■ 38.3615, 38.6062,
41.4052

■ 5.8216, 5.6322,
5.9587

■ 53.4132, 54.0056,
58.0141

■ 2.7765, 2.6228,
2.7516

■ 71.9622, 73.0363,
78.5589

■ 1.0367, 0.9381,
0.9692

■ 94.3740, 96.0825,
103.4583

■ 0.0000, 0.0000,
0.0000

121.0139,
123.5287, 133.1308

152.2472,

155.7593, 167.9949

188.4394,
193.1586, 208.4691

■ 17.2889, 17.1632,
18.3212

■ 17.2889, 17.1632,
18.3212

■ 15.4366, 14.3671,
14.9029

■ 19.4033, 20.3717,
22.1710

■ 13.8348, 11.9644,
11.8998

■ 21.7880, 24.0060,
26.4654

■ 12.4731, 9.9382,
9.2964

■ 24.4527, 28.0817,
31.2185

■ 11.3398, 8.2694,
7.0758

■ 27.4060, 32.6129,
36.4433

■ 10.4222, 6.9370,
5.2197

■ 30.6564, 37.6131,
42.1523

■ 9.7064, 5.9182,
3.7085

■ 34.2117, 43.0954,
48.3577

■ 9.1768, 5.1871,
2.5206

■ 38.0797, 49.0721,
55.0711

■ 8.8155, 4.7136,
1.6318

■ 42.2679, 55.5552,
62.3037

■ 8.5770, 4.4078,
1.0244

■ 46.7834, 62.5564,
70.0663

Harmonies

Analogous

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



17.2227, 17.1632, 19.7584



17.2889, 17.1632, 18.3212



17.0894, 17.1632, 17.0483

Triad

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



17.2889, 17.1632, 18.3212



15.7301, 17.1632, 16.5832



15.9490, 17.1632, 21.3643

Complementary

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



17.2889, 17.1632, 18.3212



17.5915, 19.5425, 21.5848

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.



15.5607, 17.1632, 20.4292



17.2889, 17.1632, 18.3212



15.4361, 17.1632, 17.6566

Square

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



17.2889, 17.1632, 18.3212



16.1846, 17.1632, 16.0789



15.3747, 17.1632, 19.0593



16.4423, 17.1632, 21.5646

Rectangle

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



17.2889, 17.1632, 18.3212



16.8350, 17.1632, 16.4472



15.3747, 17.1632, 19.0593



15.8021, 17.1632, 21.1232

Sweetspot

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



17.2894, 17.1640, 18.3216



33.6869, 34.8704, 37.7818



17.6410, 17.2684, 21.8057



7.5987, 7.8348, 8.4780



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.



17.2894, 17.1640, 18.3216



30.2976, 29.7329, 31.5924



17.6665, 18.0983, 17.8923



4.3526, 4.3542, 4.6615



8.9498, 4.5996, 1.0593



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.2894, 17.1640, 18.3216



30.2976, 29.7329, 31.5924



17.1813, 18.5199, 22.0715



4.3526, 4.3542, 4.6615



8.9498, 4.5996, 1.0593



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.2889, 17.1632, 18.3212 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 17.2889, 17.1632, 18.3212 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 17.2889, 17.1632, 18.3212

Background



This preview shows how black text looks on a background with the XYZ color 17.2889, 17.1632, 18.3212.



This preview shows how white text looks on a background with the XYZ color 17.2889, 17.1632,

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

17.2889, 17.1632, 18.3212

Protanopia

16.5614, 17.2812, 18.6824

Deuteranopia

17.4741, 17.0958, 18.2984



Tritanopia

17.6788, 17.1606, 20.1498

Trichromacy



Original Color

17.2889, 17.1632, 18.3212

Protanomaly

16.8576, 17.2655, 18.6637

Deuteranomaly

17.3259, 17.0194, 18.2915

Tritanomaly

17.5586, 17.1125, 19.5171

Monochromacy



Original Color

17.2889, 17.1632, 18.3212

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 17.2889, 17.1632, 18.3212 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(125, 112, 114)` looks like.

```
.text, #text, p{  
    color:rgb(125, 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(125, 112, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 112, 114) }
```

Border

The CSS property to change the border of an element to XYZ 17.2889, 17.1632, 18.3212 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(125, 112, 114) }
```


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

```
.border{ border-color:rgb(125, 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(125, 112, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 112, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 112, 114);  
box-shadow:4px 4px 4px 4px rgb(125, 112,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2889, 17.1632, 18.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 112, 114) }
```

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

```
.background{ background-color: rgb(125,  
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](#).

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