

Converting Colors

XYZ(17.8557, 18.5854, 20.6281)

Have a look what the booklet for
XYZ(17.8557, 18.5854, 20.6281)
contains.

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Color

**XYZ(17.9332, 18.6391,
20.7417)**

Conversions

Conversions Part 1

Format	Color
Hex	797779
RGB	121, 119, 121
RGB Percent	47%, 47%, 47%
CMY	0.5255, 0.5333, 0.5255
CMYK	0.00, 0.02, 0.00, 0.53
HSL	300°, 1%, 47%
HSV	300°, 2%, 47%
XYZ	17.9332, 18.6391, 20.7417
YIQ	119.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

Format	Color
R_{YB}	121, 119, 121
Decimal	7960441
CIE Lab	50.26, 1.16, -0.83
CIE LCh	50, 1.430, 324.405
Yxy	18.6391, 0.3129, 0.3252
Android (android.graphics.Color)	4286150521 (0xFF797779)
YUV	119.8260, 0.5788, 1.0296
Hunter-Lab	43.1730, -1.4075, 1.7363

Details

The XYZ color **17.9332, 18.6391, 20.7417** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.7756, 18.9291, 20.1706**, and the grayscale version is **17.7956, 18.7223, 20.3886**.

A 20% lighter version of the original color is **39.3393, 41.0272, 45.3808**, and **6.2035, 6.4040, 7.2125** is the 20% darker color. If you saturate the color by 10%, you get **16.5841, 15.9407, 20.2922**, and if you desaturate by 10%, it is **19.4667, 21.7059, 21.2532**.

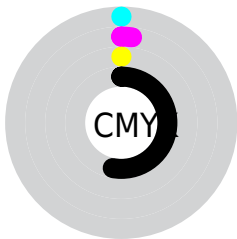
Distribution



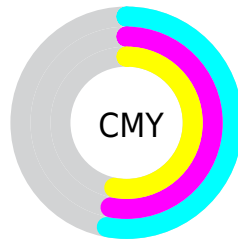
- Red (47%)
- Green (47%)
- Blue (47%)



- Red (47%)
- Yellow (47%)
- Blue (47%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (53%)



- Cyan (53%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9332, 18.6391, 20.7417 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 17.9332, 18.6391, 20.7417 by changing the saturation by 10% instead.

■ 17.9332, 18.6391,
20.7417

■ 17.9332, 18.6391,
20.7417

233.5471,
244.4491, 268.6384

■ 11.0014, 11.4098,
12.7459

■ 39.4544, 41.1234,
45.5325

■ 6.1351, 6.3432,
7.1252

■ 54.7746, 57.1471,
63.1645

■ 2.9688, 3.0549,
3.4609

■ 73.6217, 76.8711,
84.8457

■ 1.1373, 1.1604,
1.3345

96.3609, 100.6798,
110.9947

■ 0.0560, 0.0290,
0.0898

123.3577,
128.9576, 142.0299

■ 0.0000, 0.0000,
0.0000

154.9775,

162.0888, 178.3699

191.5855,
200.4578, 220.4332

■ 17.9332, 18.6391,
20.7417

■ 17.9332, 18.6391,
20.7417

■ 16.5841, 15.9407,
20.2922

■ 19.4667, 21.7059,
21.2532

■ 15.4110, 13.5945,
19.9011

■ 21.1896, 25.1515,
21.8275

■ 14.4071, 11.5866,
19.5664

■ 23.1085, 28.9893,
22.4672

■ 13.5645, 9.9016,
19.2854

■ 25.2293, 33.2310,
23.1742

■ 12.8750, 8.5225,
19.0555

■ 27.5578, 37.8880,
23.9505

■ 12.3293, 7.4311,
18.8736

■ 30.0993, 42.9710,
24.7977

■ 11.9172, 6.6069,
18.7361

■ 32.8591, 48.4906,
25.7177

■ 11.6272, 6.0271,
18.6394

■ 35.8423, 54.4568,
26.7121

■ 11.4461, 5.6648,
18.5790

■ 39.0536, 60.8795,
27.7827

Harmonies

Analogous

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



17.8261, 18.6391, 20.9969



17.9332, 18.6391, 20.7417



17.9821, 18.6391, 20.3692

Triad

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



17.9332, 18.6391, 20.7417



17.7419, 18.6391, 19.5456



17.4746, 18.6391, 20.6114

Complementary

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



17.9332, 18.6391, 20.7417



17.7756, 18.9291, 20.1706

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.



17.4524, 18.6391, 20.2206



17.9332, 18.6391, 20.7417



17.6062, 18.6391, 19.6086

Square

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



17.9332, 18.6391, 20.7417



17.8713, 18.6391, 19.6813



17.5004, 18.6391, 19.8544



17.5614, 18.6391, 20.9209

Rectangle

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



17.9332, 18.6391, 20.7417



17.9749, 18.6391, 20.1058



17.5004, 18.6391, 19.8544



17.4594, 18.6391, 20.4850

Sweetspot

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



17.9337, 18.6399, 20.7421



32.5443, 34.2392, 37.2864



17.6566, 18.4970, 20.7291



7.4413, 7.8288, 8.5256



59.0181, 62.0916, 67.6177

Same Dimension

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



17.9337, 18.6399, 20.7421



32.0114, 33.1734, 37.1088



17.8728, 18.6155, 20.4211



4.3991, 4.5667, 5.0928



12.1485, 5.8355, 19.8706



57.9494, 27.8361, 94.7847

Inverse Universe

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



17.9337, 18.6399, 20.7421



32.0114, 33.1734, 37.1088



17.8359, 18.9532, 20.4882



4.3991, 4.5667, 5.0928



12.1485, 5.8355, 19.8706



57.9494, 27.8361, 94.7847

Previews

White Background



This preview shows how the XYZ color 17.9332, 18.6391, 20.7417 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 17.9332, 18.6391, 20.7417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

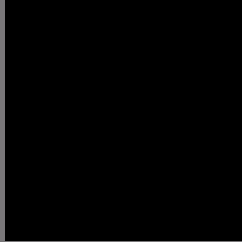
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

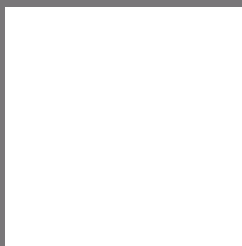
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9332, 18.6391, 20.7417

Background



This preview shows how black text looks on a background with the XYZ color 17.9332, 18.6391, 20.7417.



This preview shows how white text looks on a background with the XYZ color 17.9332, 18.6391,

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

17.9332, 18.6391, 20.7417

Protanopia

17.9332, 18.6391, 20.7417

Deuteranopia

18.9642, 18.6417, 21.0111



Tritanopia

18.3352, 18.6267, 22.7076

Trichromacy



Original Color

17.9332, 18.6391, 20.7417

Protanomaly

17.9332, 18.6391, 20.7417

Deuteranomaly

18.6265, 18.6397, 21.0285

Tritanomaly

18.2061, 18.5751, 22.0278

Monochromacy



Original Color

17.9332, 18.6391, 20.7417

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.8524, 18.7821, 20.4537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9332, 18.6391, 20.7417 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(121, 119, 121)` looks like.

```
.text, #text, p{  
    color:rgb(121, 119, 121)  
}
```

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(121, 119, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 119, 121) }
```

Border

The CSS property to change the border of an element to XYZ 17.9332, 18.6391, 20.7417 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(121, 119, 121) }
```

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

```
.border{ border-color:rgb(121, 119, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 119, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 119, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 119, 121);  
box-shadow:4px 4px 4px 4px rgb(121, 119,  
121) }
```


Background

The CSS property to change the background color of an element to XYZ 17.9332, 18.6391, 20.7417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 119, 121) }
```

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

```
.background{ background-color: rgb(121,  
119, 121) }
```

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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