

Converting Colors

XYZ(17.1409, 18.0759, 18.1079)

Have a look what the booklet for
XYZ(17.1409, 18.0759, 18.1079)
contains.

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Color

**XYZ(17.2048, 18.1422,
18.2178)**

Conversions

Conversions Part 1

Format	Color
Hex	787671
RGB	120, 118, 113
RGB Percent	47%, 46%, 44%
CMY	0.5294, 0.5372, 0.5569
CMYK	0.00, 0.02, 0.06, 0.53
HSL	43°, 3%, 46%
HSV	43°, 6%, 47%
XYZ	17.2048, 18.1422, 18.2178
YIQ	118.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

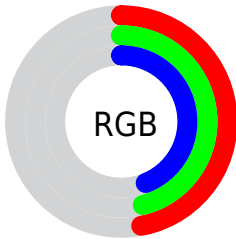
Format	Color
R_{YB}	116, 120, 113
Decimal	7894641
CIE Lab	49.67, -0.21, 3.01
CIE LCh	50, 3.022, 94.034
Yxy	18.1422, 0.3212, 0.3387
Android (android.graphics.Color)	4286084721 (0xFF787671)
YUV	118.0280, -2.4788, 1.7294
Hunter-Lab	42.5937, -2.4376, 4.4565

Details

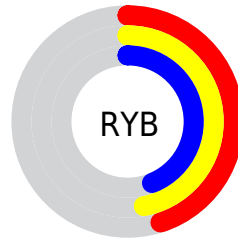
The XYZ color **17.2048, 18.1422, 18.2178** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.3309, 17.1280, 20.2148**, and the grayscale version is **17.2360, 18.1336, 19.7475**.

A 20% lighter version of the original color is **38.1795, 40.2367, 41.3515**, and **5.8168, 6.1397, 5.8795** is the 20% darker color. If you saturate the color by 10%, you get **16.1776, 17.0983, 14.7598**, and if you desaturate by 10%, it is **18.3370, 19.2527, 22.1521**.

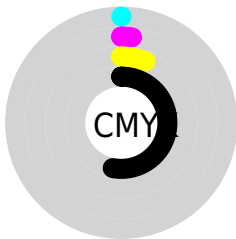
Distribution



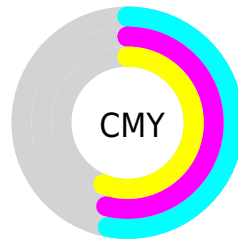
- Red (47%)
- Green (46%)
- Blue (44%)



- Red (45%)
- Yellow (47%)
- Blue (44%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (53%)



- Cyan (53%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2048, 18.1422, 18.2178 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 17.2048, 18.1422, 18.2178 by changing the saturation by 10% instead.

■ 17.2048, 18.1422,
18.2178

■ 17.2048, 18.1422,
18.2178

229.4831,
241.6713, 254.3730

■ 10.4768, 11.0521,
10.9354

■ 38.2184, 40.2795,
41.2270

■ 5.7809, 6.1019,
5.9098

■ 53.2347, 56.0955,
57.7910

■ 2.7517, 2.9071,
2.7224

■ 71.7445, 75.5889,
78.2858

■ 1.0239, 1.0834,
0.9547

■ 94.1131, 99.1442,
103.1302

■ 0.0000, 0.0000,
0.0000

120.7059,
127.1456, 132.7425

151.8883,

159.9777, 167.5414

188.0256,
198.0248, 207.9454

■ 17.2048, 18.1422,
18.2178

■ 17.2048, 18.1422,
18.2178

■ 16.1776, 17.0983,
14.7598

■ 18.3370, 19.2527,
22.1521

■ 15.2503, 16.1169,
11.7585

■ 19.5762, 20.4291,
26.5787

■ 14.4195, 15.1971,
9.1947

■ 20.9260, 21.6737,
31.5148

■ 13.6811, 14.3369,
7.0474

■ 22.3897, 22.9879,
36.9758

■ 13.0305, 13.5344,
5.2938

■ 23.9703, 24.3733,
42.9770

■ 12.4630, 12.7871,
3.9092

■ 25.6705, 25.8312,
49.5326

■ 11.9731, 12.0929,
2.8655

■ 27.4932, 27.3628,
56.6567

■ 11.5546, 11.4488,
2.1312

■ 29.4411, 28.9696,
64.3625

■ 11.1962, 10.8501,
1.6478

■ 31.5167, 30.6528,
72.6631

Harmonies

Analogous

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



17.4865, 18.1422, 18.3657



17.2048, 18.1422, 18.2178



16.9364, 18.1422, 18.4719

Triad

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



17.2048, 18.1422, 18.2178



16.7900, 18.1422, 20.6522



17.7449, 18.1422, 20.4543

Complementary

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



17.2048, 18.1422, 18.2178



16.3309, 17.1280, 20.2148

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.



17.5545, 18.1422, 21.0936



17.2048, 18.1422, 18.2178



17.0030, 18.1422, 21.2100

Square

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



17.2048, 18.1422, 18.2178



16.6986, 18.1422, 19.8652



17.2825, 18.1422, 21.3737



17.8004, 18.1422, 19.6427

Rectangle

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



17.2048, 18.1422, 18.2178



16.8005, 18.1422, 18.8394



17.2825, 18.1422, 21.3737



17.6944, 18.1422, 20.6972

Sweetspot

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



17.2053, 18.1430, 18.2182



30.9921, 32.6349, 34.5603



16.7514, 17.0437, 18.6570



7.3519, 7.7411, 8.2150



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



17.2053, 18.1430, 18.2182



30.0084, 31.6575, 31.1803



17.2503, 18.5191, 18.2884



4.2636, 4.4981, 4.4240



12.0469, 11.5498, 1.5944



56.7117, 53.5868, 7.3543

Inverse Universe

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



16.3309, 17.1280, 20.2148



28.1339, 29.4815, 35.4608



16.2871, 16.7709, 20.1482



3.9937, 4.1847, 5.0404



4.3190, 2.7205, 19.6828



19.9622, 11.6971, 93.6754

Previews

White Background



This preview shows how the XYZ color 17.2048, 18.1422, 18.2178 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 17.2048, 18.1422, 18.2178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

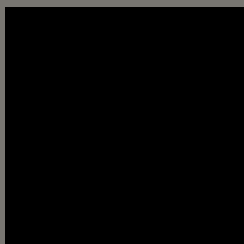
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

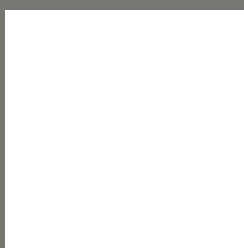
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2048, 18.1422, 18.2178

Background



This preview shows how black text looks on a background with the XYZ color 17.2048, 18.1422, 18.2178.



This preview shows how white text looks on a background with the XYZ color 17.2048, 18.1422,

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

17.2048, 18.1422, 18.2178

Protanopia

17.3442, 18.2141, 18.2243

Deuteranopia

18.4146, 18.0748, 18.4378



Tritanopia

17.9731, 18.1090, 21.9501

Trichromacy



Original Color

17.2048, 18.1422, 18.2178

Protanomaly

17.3442, 18.2141, 18.2243

Deuteranomaly

17.9204, 17.9884, 18.4472

Tritanomaly

17.6976, 18.1680, 20.6632

Monochromacy



Original Color

17.2048, 18.1422, 18.2178

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.2386, 18.1398, 19.1158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2048, 18.1422, 18.2178 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(120, 118, 113)` looks like.

```
.text, #text, p{  
    color:rgb(120, 118, 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(120, 118, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 118, 113) }
```

Border

The CSS property to change the border of an element to XYZ 17.2048, 18.1422, 18.2178 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(120, 118, 113) }
```


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

```
.border{ border-color:rgb(120, 118, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 118, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 118, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 118, 113); box-shadow:4px 4px 4px 4px rgb(120, 118, 113) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2048, 18.1422, 18.2178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 118, 113) }
```

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

```
.background{ background-color: rgb(120,  
118, 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](#).

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