

Converting Colors

XYZ(17.1339, 18.0782, 19.3718)

Have a look what the booklet for
XYZ(17.1339, 18.0782, 19.3718)
contains.

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Color

**XYZ(17.1605, 18.0928,
19.4174)**

Conversions

Conversions Part 1

Format	Color
Hex	767675
RGB	118, 118, 117
RGB Percent	46%, 46%, 46%
CMY	0.5373, 0.5372, 0.5412
CMYK	0.00, 0.00, 0.01, 0.54
HSL	60°, 0%, 46%
HSV	60°, 1%, 46%
XYZ	17.1605, 18.0928, 19.4174
YIQ	117.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

Format	Color
R_{YB}	117, 118, 117
Decimal	7763573
CIE Lab	49.61, -0.20, 0.54
CIE LCh	50, 0.579, 110.053
Yxy	18.0928, 0.3139, 0.3309
Android (android.graphics.Color)	4285953653 (0xFF767675)
YUV	117.8860, -0.4368, 0.1000
Hunter-Lab	42.5356, -2.4236, 2.7092

Details

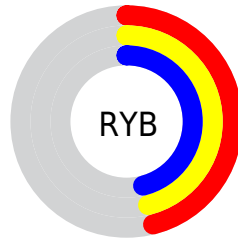
The XYZ color **17.1605, 18.0928, 19.4174** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.9682, 17.8130, 19.6845**, and the grayscale version is **17.1859, 18.0809, 19.6901**.

A 20% lighter version of the original color is **38.1137, 40.1601, 43.2790**, and **5.7901, 6.1121, 6.5048** is the 20% darker color. If you saturate the color by 10%, you get **16.5056, 17.8309, 15.9905**, and if you desaturate by 10%, it is **17.9039, 18.3913, 23.3059**.

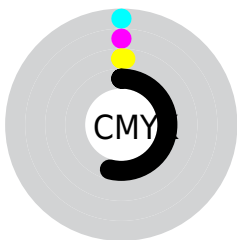
Distribution



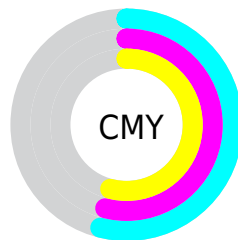
- Red (46%)
- Green (46%)
- Blue (46%)



- Red (46%)
- Yellow (46%)
- Blue (46%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (54%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1605, 18.0928, 19.4174 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 17.1605, 18.0928, 19.4174 by changing the saturation by 10% instead.

■ 17.1605, 18.0928,
19.4174

■ 17.1605, 18.0928,
19.4174

229.2339,
241.3936, 261.2425

■ 10.4450, 11.0166,
11.7924

■ 38.1429, 40.1954,
43.2843

■ 5.7595, 6.0780,
6.4817

■ 53.1406, 55.9906,
60.3632

■ 2.7387, 2.8926,
3.0666

■ 71.6296, 75.4610,
81.4306

■ 1.0171, 1.0759,
1.1288

93.9755, 98.9908,
106.9050

■ 0.0000, 0.0000,
0.0000

120.5435,
126.9646, 137.2048

151.6990,

159.7668, 172.7486

187.8073,
197.7816, 213.9550

■ 17.1605, 18.0928,
19.4174

■ 17.1605, 18.0928,
19.4174

■ 16.5056, 17.8309,
15.9905

■ 17.9039, 18.3913,
23.3059

■ 15.9345, 17.6019,
13.0068

■ 18.7373, 18.7252,
27.6708

■ 15.4442, 17.4053,
10.4486

■ 19.6642, 19.0964,
32.5281

■ 15.0310, 17.2395,
8.2966

■ 20.6874, 19.5063,
37.8925

■ 14.6910, 17.1029,
6.5298

■ 21.8096, 19.9557,
43.7779

■ 14.4198, 16.9939,
5.1255

■ 23.0333, 20.4457,
50.1980

■ 14.2127, 16.9106,
4.0587

■ 24.3610, 20.9773,
57.1657

■ 14.0643, 16.8507,
3.3009

■ 25.7951, 21.5514,
64.6938

■ 13.9683, 16.8118,
2.8193

■ 27.3380, 22.1691,
72.7943

Harmonies

Analogous

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



17.2149, 18.0928, 19.4038



17.1605, 18.0928, 19.4174



17.1159, 18.0928, 19.5065

Triad

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



17.1605, 18.0928, 19.4174



17.1290, 18.0928, 19.9326



17.3008, 18.0928, 19.7522

Complementary

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



17.1605, 18.0928, 19.4174



16.9682, 17.8130, 19.6845

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.



17.2777, 18.0928, 19.8947



17.1605, 18.0928, 19.4174



17.1784, 18.0928, 19.9992

Square

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



17.1605, 18.0928, 19.4174



17.0977, 18.0928, 19.8038



17.2329, 18.0928, 19.9853



17.2960, 18.0928, 19.5965

Rectangle

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



17.1605, 18.0928, 19.4174



17.0976, 18.0928, 19.5970



17.2329, 18.0928, 19.9853



17.2961, 18.0928, 19.8033

Sweetspot

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



17.1610, 18.0936, 19.4178



30.2779, 31.8547, 34.6897



17.0440, 17.8589, 19.3787



6.9614, 7.3239, 7.9757



57.3938, 60.3827, 65.7568

Same Dimension

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



17.1610, 18.0936, 19.4178



30.1515, 31.8040, 34.0283



17.0935, 18.0588, 19.4146



4.0942, 4.3173, 4.6290



15.0421, 18.1589, 2.7122



73.2888, 88.4836, 13.2163

Inverse Universe

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



16.9682, 17.8130, 19.6845



29.7429, 31.2095, 34.5934



17.0353, 17.8476, 19.6876



4.0453, 4.2462, 4.6966



3.5421, 1.4173, 18.6295



17.2485, 6.9004, 90.7831

Previews

White Background



This preview shows how the XYZ color 17.1605, 18.0928, 19.4174 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 17.1605, 18.0928, 19.4174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

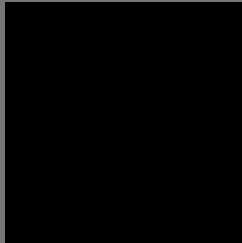
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.1605, 18.0928, 19.4174

Background



This preview shows how black text looks on a background with the XYZ color 17.1605, 18.0928, 19.4174.



This preview shows how white text looks on a background with the XYZ color 17.1605, 18.0928,

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

17.1605, 18.0928, 19.4174

Protanopia

17.3179, 18.0000, 19.3912

Deuteranopia

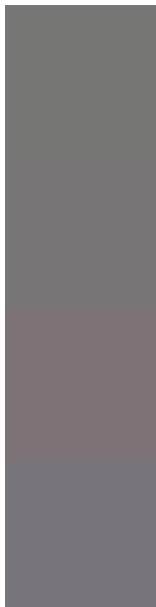
18.3406, 18.0098, 19.6491



Tritanopia

17.7349, 18.1509, 22.3074

Trichromacy



Original Color

17.1605, 18.0928, 19.4174

Protanomaly

17.1799, 17.9289, 19.3848

Deuteranomaly

17.8582, 17.9294, 19.6590

Tritanomaly

17.5442, 18.0746, 21.3030

Monochromacy



Original Color

17.1605, 18.0928, 19.4174

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.2197, 18.1164, 19.7288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1605, 18.0928, 19.4174 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(118, 118, 117) looks like.

```
.text, #text, p{  
    color:rgb(118, 118, 117)  
}
```

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(118, 118, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 118, 117) }
```

Border

The CSS property to change the border of an element to XYZ 17.1605, 18.0928, 19.4174 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(118, 118, 117) }
```

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

```
.border{ border-color:rgb(118, 118, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 118, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 118, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 118, 117);  
box-shadow:4px 4px 4px 4px rgb(118, 118,  
117) }
```


Background

The CSS property to change the background color of an element to XYZ 17.1605, 18.0928, 19.4174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 118, 117) }
```

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

```
.background{ background-color: rgb(118,  
118, 117) }
```

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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