

Converting Colors

XYZ(17.1566, 18.1473, 19.0961)

Have a look what the booklet for
XYZ(17.1566, 18.1473, 19.0961)
contains.

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Color

**XYZ(17.1020, 18.0694,
19.1094)**

Conversions

Conversions Part 1

Format	Color
Hex	767674
RGB	118, 118, 116
RGB Percent	46%, 46%, 45%
CMY	0.5373, 0.5372, 0.5451
CMYK	0.00, 0.00, 0.02, 0.54
HSL	60°, 1%, 46%
HSV	60°, 2%, 46%
XYZ	17.1020, 18.0694, 19.1094
YIQ	117.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

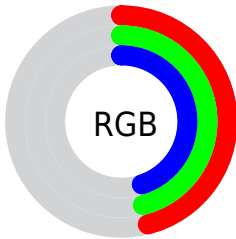
Format	Color
R_{YB}	116, 118, 116
Decimal	7763572
CIE Lab	49.58, -0.40, 1.09
CIE LCh	50, 1.163, 110.002
Yxy	18.0694, 0.3151, 0.3329
Android (android.graphics.Color)	4285953652 (0xFF767674)
YUV	117.7720, -0.8736, 0.2000
Hunter-Lab	42.5081, -2.5745, 3.1020

Details

The XYZ color **17.1020, 18.0694, 19.1094** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.7187, 17.5124, 19.6396**, and the grayscale version is **17.1515, 18.0447, 19.6507**.

A 20% lighter version of the original color is **38.0202, 40.1227, 42.7864**, and **5.7593, 6.0998, 6.3427** is the 20% darker color. If you saturate the color by 10%, you get **16.4566, 17.8115, 15.7208**, and if you desaturate by 10%, it is **17.8357, 18.3637, 22.9581**.

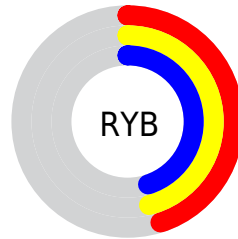
Distribution



Red (46%)

Green (46%)

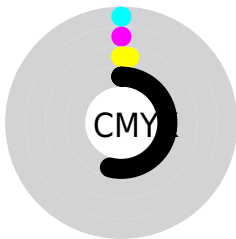
Blue (45%)



Red (45%)

Yellow (46%)

Blue (45%)

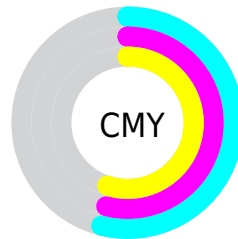


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (54%)



Cyan (54%)

Magenta (54%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1020, 18.0694, 19.1094 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 17.1020, 18.0694, 19.1094 by changing the saturation by 10% instead.

■ 17.1020, 18.0694,
19.1094

■ 17.1020, 18.0694,
19.1094

228.9043,
241.2619, 259.4949

■ 10.4030, 10.9998,
11.5717

■ 38.0433, 40.1555,
42.7580

■ 5.7313, 6.0667,
6.3338

■ 53.0162, 55.9409,
59.7061

■ 2.7215, 2.8857,
2.9770

■ 71.4779, 75.4003,
80.6280

■ 1.0082, 1.0723,
1.0829

93.7937, 98.9182,
105.9424

■ 0.0000, 0.0000,
0.0000

120.3288,
126.8789, 136.0677

151.4487,

159.6668, 171.4225

187.5188,
197.6663, 212.4254

■ 17.1020, 18.0694,
19.1094

■ 17.1020, 18.0694,
19.1094

■ 16.4566, 17.8115,
15.7208

■ 17.8357, 18.3637,
22.9581

■ 15.8946, 17.5865,
12.7740

■ 18.6591, 18.6934,
27.2820

■ 15.4132, 17.3936,
10.2511

■ 19.5758, 19.0603,
32.0969

■ 15.0085, 17.2315,
8.1327

■ 20.5886, 19.4657,
37.4176

■ 14.6767, 17.0985,
6.3976

■ 21.7001, 19.9106,
43.2582

■ 14.4133, 16.9928,
5.0230

■ 22.9129, 20.3960,
49.6324

■ 14.2135, 16.9127,
3.9836

■ 24.2295, 20.9229,
56.5531

■ 14.0720, 16.8558,
3.2507

■ 25.6524, 21.4923,
64.0331

■ 13.9823, 16.8196,
2.7909

■ 27.1837, 22.1051,
72.0846

Harmonies

Analogous

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



17.2113, 18.0694, 19.0825



17.1020, 18.0694, 19.1094



17.0125, 18.0694, 19.2868

Triad

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



17.1020, 18.0694, 19.1094



17.0385, 18.0694, 20.1434



17.3841, 18.0694, 19.7801

Complementary

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



17.1020, 18.0694, 19.1094



16.7187, 17.5124, 19.6396

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.



17.3374, 18.0694, 20.0674



17.1020, 18.0694, 19.1094



17.1376, 18.0694, 20.2786

Square

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



17.1020, 18.0694, 19.1094



16.9760, 18.0694, 19.8829



17.2470, 18.0694, 20.2506



17.3744, 18.0694, 19.4675

Rectangle

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



17.1020, 18.0694, 19.1094



16.9759, 18.0694, 19.4676



17.2470, 18.0694, 20.2506



17.3744, 18.0694, 19.8829

Sweetspot

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



17.1025, 18.0702, 19.1098



30.1518, 31.8042, 34.0283



16.8696, 17.6038, 19.0320



6.9346, 7.3132, 7.8354



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



17.1025, 18.0702, 19.1098



30.0274, 31.7544, 33.3754



16.9677, 18.0007, 19.1035



4.0794, 4.3114, 4.5507



15.0657, 18.1710, 2.7133



73.4101, 88.5461, 13.2220

Inverse Universe

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



16.7187, 17.5124, 19.6396



29.2140, 30.5722, 34.4983



16.8521, 17.5811, 19.6458



3.9820, 4.1698, 4.6852



3.5400, 1.4163, 18.6294



17.2443, 6.8983, 90.7829

Previews

White Background



This preview shows how the XYZ color 17.1020, 18.0694, 19.1094 looks on a white background.

Color Contrast Check

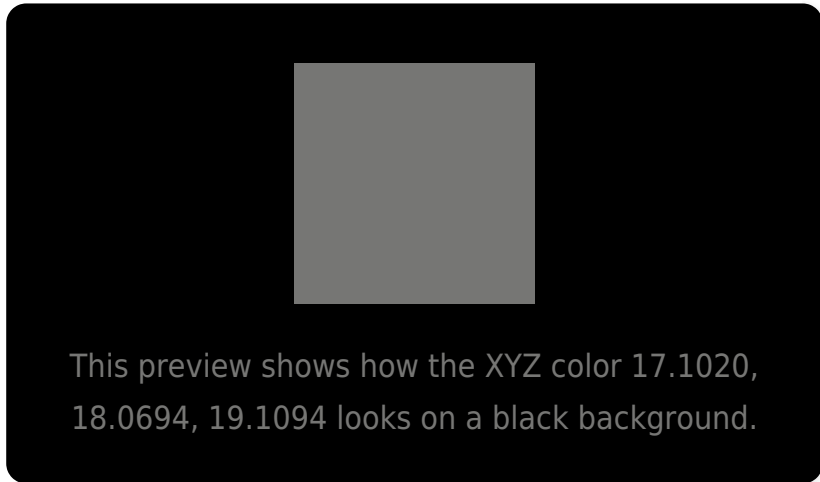
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

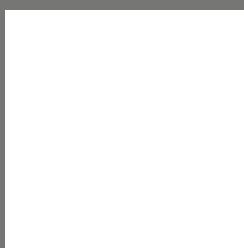
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1020, 18.0694, 19.1094

Background



This preview shows how black text looks on a background with the XYZ color 17.1020, 18.0694, 19.1094.



This preview shows how white text looks on a background with the XYZ color 17.1020, 18.0694,

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

17.1020, 18.0694, 19.1094

Protanopia

17.2594, 17.9766, 19.0832

Deuteranopia

18.2815, 17.9861, 19.3378



Tritanopia

17.7349, 18.1509, 22.3074

Trichromacy



Original Color

17.1020, 18.0694, 19.1094

Protanomaly

17.1214, 17.9055, 19.0767

Deuteranomaly

17.7991, 17.9058, 19.3477

Tritanomaly

17.4819, 18.0497, 20.9749

Monochromacy



Original Color

17.1020, 18.0694, 19.1094

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.1605, 18.0928, 19.4174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1020, 18.0694, 19.1094 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, 116)` looks like.

```
.text, #text, p{  
    color:rgb(118, 118, 116)  
}
```

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, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 118, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.1020, 18.0694, 19.1094 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, 116) }
```


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

```
.border{ border-color:rgb(118, 118, 116) }
```

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, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 118, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 118, 116);  
box-shadow:4px 4px 4px 4px rgb(118, 118,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1020, 18.0694, 19.1094 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, 116) }
```

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

```
.background{ background-color: rgb(118,  
118, 116) }
```

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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