

Converting Colors

XYZ(17.2969, 18.4722, 20.2759)

Have a look what the booklet for
XYZ(17.2969, 18.4722, 20.2759)
contains.

XYZ(17.3091, 18.5020, 20.4283)	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(17.3091, 18.5020,
20.4283)**

Conversions

Conversions Part 1

Format	Color
Hex	747878
RGB	116, 120, 120
RGB Percent	45%, 47%, 47%
CMY	0.5451, 0.5294, 0.5294
CMYK	0.03, 0.00, 0.00, 0.53
HSL	180°, 2%, 46%
HSV	180°, 3%, 47%
XYZ	17.3091, 18.5020, 20.4283
YIQ	118.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

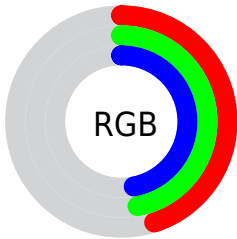
Format	Color
R_{YB}	116, 118, 120
Decimal	7633016
CIE _{Lab}	50.10, -1.50, -0.53
CIE _{LCh}	50, 1.592, 199.472
Yxy	18.5020, 0.3078, 0.3290
Android (android.graphics.Color)	4285823096 (0xFF747878)
YUV	118.8040, 0.5896, -2.4591
Hunter-Lab	43.0140, -3.4448, 1.9516

Details

The XYZ color **17.3091, 18.5020, 20.4283** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1442, 17.7453, 19.0454**, and the grayscale version is **17.4718, 18.3817, 20.0177**.

A 20% lighter version of the original color is **38.3474, 40.8084, 44.8854**, and **5.8710, 6.3316, 7.0436** is the 20% darker color. If you saturate the color by 10%, you get **15.8157, 17.7327, 20.3570**, and if you desaturate by 10%, it is **19.0096, 19.3791, 20.5100**.

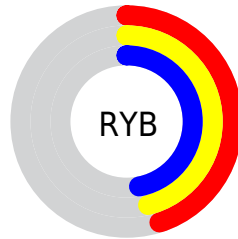
Distribution



Red (45%)

Green (47%)

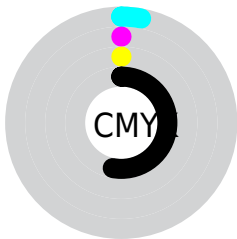
Blue (47%)



Red (45%)

Yellow (46%)

Blue (47%)

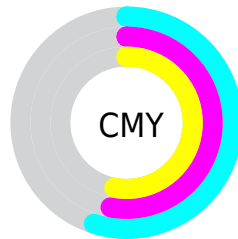


Cyan (3%)

Magenta (0%)

Yellow (0%)

Black (53%)



Cyan (55%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3091, 18.5020, 20.4283 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 17.3091, 18.5020, 20.4283 by changing the saturation by 10% instead.

■ 17.3091, 18.5020,
20.4283

■ 17.3091, 18.5020,
20.4283

230.0691,
243.6855, 266.9049

■ 10.5518, 11.3110,
12.5196

■ 38.3959, 40.8909,
45.0025

■ 5.8314, 6.2764,
6.9718

■ 53.4560, 56.8575,
62.5050

■ 2.7825, 3.0139,
3.3663

■ 72.0145, 76.5182,
84.0426

■ 1.0398, 1.1390,
1.2846

94.4366, 100.2573,
110.0338

■ 0.0000, 0.0110,
0.0491

121.0878,
128.4592, 140.8970

■ 0.0000, 0.0000,
0.0000

152.3333,

161.5082, 177.0510

188.5387,
199.7889, 218.9141

■ 17.3091, 18.5020,
20.4283

■ 17.3091, 18.5020,
20.4283

■ 15.8157, 17.7327,
20.3570

■ 19.0096, 19.3791,
20.5100

■ 14.5200, 17.0648,
20.2947

■ 20.9232, 20.3656,
20.6013

■ 13.4143, 16.4948,
20.2412

■ 23.0573, 21.4657,
20.7029

■ 12.4896, 16.0181,
20.1962

■ 25.4187, 22.6830,
20.8152

■ 11.7362, 15.6298,
20.1592

■ 28.0137, 24.0208,
20.9384

■ 11.1437, 15.3244,
20.1297

■ 30.8487, 25.4822,
21.0728

■ 10.7003, 15.0958,
20.1072

■ 33.9296, 27.0704,
21.2187

■ 10.3928, 14.9374,
20.0911

■ 37.2620, 28.7883,
21.3764

■ 10.2042, 14.8401,
20.0805

■ 40.8516, 30.6388,
21.5461

Harmonies

Analogous

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



17.2973, 18.5020, 19.9916



17.3091, 18.5020, 20.4283



17.3947, 18.5020, 20.7941

Triad

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



17.3091, 18.5020, 20.4283



17.8106, 18.5020, 20.6992



17.6395, 18.5020, 19.3268

Complementary

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



17.3091, 18.5020, 20.4283



17.1442, 17.7453, 19.0454

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.



17.7779, 18.5020, 19.5106



17.3091, 18.5020, 20.4283



17.8770, 18.5020, 20.3002

Square

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



17.3091, 18.5020, 20.4283



17.6841, 18.5020, 20.9521



17.8650, 18.5020, 19.8654



17.4875, 18.5020, 19.3599

Rectangle

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



17.3091, 18.5020, 20.4283



17.4824, 18.5020, 20.9466



17.8650, 18.5020, 19.8654



17.6892, 18.5020, 19.3651

Sweetspot

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



17.3096, 18.5028, 20.4287



31.1011, 32.8807, 35.9602



17.0807, 18.4122, 19.1770



7.3759, 7.7951, 8.5225



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.



17.3096, 18.5028, 20.4287



30.2299, 32.4316, 35.9185



17.0794, 18.0422, 20.3525



4.2802, 4.6017, 5.1056



11.0221, 16.1325, 21.8991



52.5756, 76.9533, 104.4559

Inverse Universe

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



17.1442, 17.7453, 19.0454



29.8741, 30.8024, 32.9434



17.3694, 18.1959, 19.1200



4.2243, 4.3456, 4.6380



8.4505, 4.3563, 0.3971



40.3087, 20.7798, 1.8897

Previews

White Background



This preview shows how the XYZ color 17.3091, 18.5020, 20.4283 looks on a white background.

Color Contrast Check

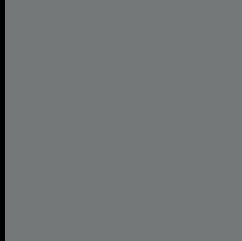
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3091, 18.5020, 20.4283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

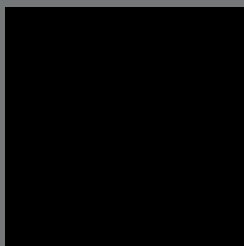
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

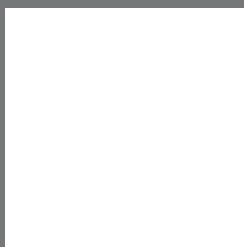
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3091, 18.5020, 20.4283

Background



This preview shows how black text looks on a background with the XYZ color 17.3091, 18.5020, 20.4283.



This preview shows how white text looks on a background with the XYZ color 17.3091, 18.5020,

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

17.3091, 18.5020, 20.4283

Protanopia

17.8118, 18.5905, 20.1023

Deuteranopia

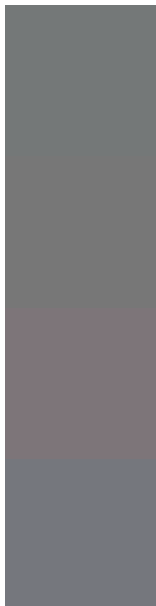
18.7878, 18.3878, 20.6481



Tritanopia

17.8292, 18.5341, 23.0598

Trichromacy



Original Color

17.3091, 18.5020, 20.4283

Protanomaly

17.5343, 18.4475, 20.0893

Deuteranomaly

18.2699, 18.4630, 20.6900

Tritanomaly

17.6346, 18.4562, 22.0350

Monochromacy



Original Color

17.3091, 18.5020, 20.4283

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.3978, 18.3771, 20.0829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3091, 18.5020, 20.4283 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(116, 120, 120)` looks like.

```
.text, #text, p{  
    color:rgb(116, 120, 120)  
}
```

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(116, 120, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 120, 120) }
```

Border

The CSS property to change the border of an element to XYZ 17.3091, 18.5020, 20.4283 is called "border". The border property can be set on classes, ids or directly on the HTML element.

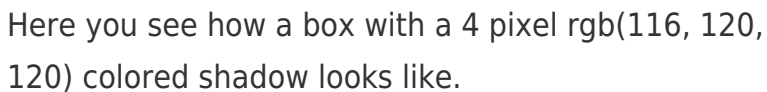
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 120, 120) }
```


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

```
.border{ border-color:rgb(116, 120, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 120, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 120, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 120, 120); box-shadow:4px 4px 4px 4px rgb(116, 120, 120) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3091, 18.5020, 20.4283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 120, 120) }
```

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

```
.background{ background-color: rgb(116,  
120, 120) }
```

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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