

Converting Colors

XYZ(17.4445, 19.0323, 20.6261)

Have a look what the booklet for
XYZ(17.4445, 19.0323, 20.6261)
contains.

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Color

**XYZ(17.5434, 19.1668,
20.5442)**

Conversions

Conversions Part 1

Format	Color
Hex	737B78
RGB	115, 123, 120
RGB Percent	45%, 48%, 47%
CMY	0.5490, 0.5176, 0.5294
CMYK	0.07, 0.00, 0.02, 0.52
HSL	157°, 3%, 47%
HSV	157°, 7%, 48%
XYZ	17.5434, 19.1668, 20.5442
YIQ	120.2660, -3.8050, -2.6290

Conversions

Conversions Part 2

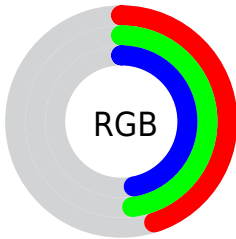
Format	Color
R_{YB}	115, 120, 123
Decimal	7568248
CIE Lab	50.88, -3.60, 0.60
CIE LCh	51, 3.650, 170.507
Yxy	19.1668, 0.3064, 0.3348
Android (android.graphics.Color)	4285758328 (0xFF737B78)
YUV	120.2660, -0.1311, -4.6183
Hunter-Lab	43.7799, -5.0867, 2.8235

Details

The XYZ color **17.5434, 19.1668, 20.5442** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.5699, 17.7811, 19.6467**, and the grayscale version is **17.9395, 18.8737, 20.5535**.

A 20% lighter version of the original color is **38.7127, 41.8540, 45.0680**, and **5.9332, 6.5587, 7.0841** is the 20% darker color. If you saturate the color by 10%, you get **15.7594, 18.2792, 19.0340**, and if you desaturate by 10%, it is **19.5579, 20.1727, 22.1365**.

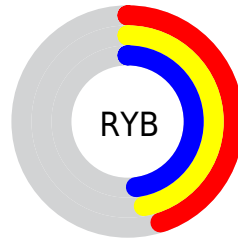
Distribution



Red (45%)

Green (48%)

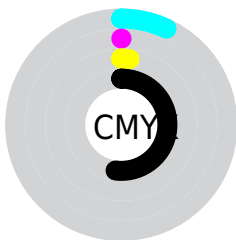
Blue (47%)



Red (45%)

Yellow (47%)

Blue (48%)

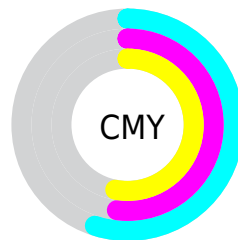


Cyan (7%)

Magenta (0%)

Yellow (2%)

Black (52%)



Cyan (55%)

Magenta (52%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5434, 19.1668, 20.5442 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 17.5434, 19.1668, 20.5442 by changing the saturation by 10% instead.

■ 17.5434, 19.1668,
20.5442

■ 17.5434, 19.1668,
20.5442

231.3804,
247.3680, 267.5472

■ 10.7204, 11.7909,
12.6033

■ 38.7939, 42.0158,
45.1986

■ 5.9450, 6.6014,
7.0284

■ 53.9522, 58.2576,
62.7492

■ 2.8520, 3.2141,
3.4012

■ 72.6195, 78.2235,
84.3400

■ 1.0760, 1.2445,
1.3029

■ 95.1613, 102.2979,
110.3896

■ 0.0049, 0.0976,
0.0642

121.9430,
130.8651, 141.3166

■ 0.0000, 0.0000,
0.0000

153.3298,

164.3096, 177.5395

189.6871,
203.0158, 219.4768

■ 17.5434, 19.1668,
20.5442

■ 17.5434, 19.1668,
20.5442

■ 15.7594, 18.2792,
19.0340

■ 19.5579, 20.1727,
22.1365

■ 14.1955, 17.5031,
17.6032

■ 21.8094, 21.2986,
23.8108

■ 12.8431, 16.8344,
16.2508

■ 24.3062, 22.5495,
25.5691

■ 11.6922, 16.2682,
14.9754

■ 27.0558, 23.9290,
27.4125

■ 10.7322, 15.7988,
13.7752

■ 30.0653, 25.4409,
29.3423

■ 9.9512, 15.4203,
12.6488

■ 33.3415, 27.0885,
31.3596

■ 9.3361, 15.1259,
11.5945

■ 36.8910, 28.8754,
33.4658

■ 8.8719, 14.9079,
10.6103

■ 40.7200, 30.8047,
35.6618

■ 8.5291, 14.7511,
9.6937

■ 44.8348, 32.8796,
37.9489

Harmonies

Analogous

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



17.6886, 19.1668, 19.6341



17.5434, 19.1668, 20.5442



17.5769, 19.1668, 21.5714

Triad

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



17.5434, 19.1668, 20.5442



18.4610, 19.1668, 22.7813



18.6611, 19.1668, 19.3770

Complementary

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



17.5434, 19.1668, 20.5442



17.5699, 17.7811, 19.6467

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.



18.8734, 19.1668, 20.1828



17.5434, 19.1668, 20.5442



18.7567, 19.1668, 22.1554

Square

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



17.5434, 19.1668, 20.5442



18.1036, 19.1668, 22.8858



18.9086, 19.1668, 21.1980



18.3318, 19.1668, 18.9750

Rectangle

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



17.5434, 19.1668, 20.5442



17.6963, 19.1668, 22.1834



18.9086, 19.1668, 21.1980



18.7487, 19.1668, 19.6083

Sweetspot

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



17.5439, 19.1676, 20.5446



32.9705, 35.0984, 38.0404



17.6584, 19.2608, 19.0071



7.7775, 8.2724, 8.9690



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.5439, 19.1676, 20.5446



30.8462, 34.0391, 36.3207



17.6138, 19.0111, 21.4809



4.0463, 4.4881, 4.7777



8.7050, 15.2057, 9.6974



41.1008, 72.3633, 44.0302

Inverse Universe

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



17.5699, 17.7811, 19.6467



30.9042, 30.9446, 34.3167



17.5013, 17.9248, 18.7575



4.0547, 4.0376, 4.4859



8.9608, 4.5605, 3.0845



42.3606, 21.6006, 12.6950

Previews

White Background



This preview shows how the XYZ color 17.5434, 19.1668, 20.5442 looks on a white background.

Color Contrast Check

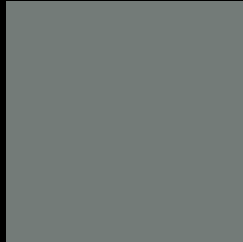
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5434, 19.1668, 20.5442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

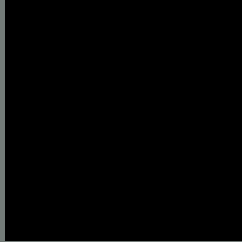
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

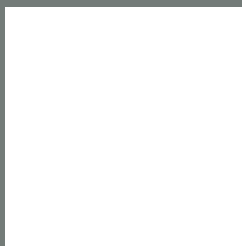
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5434, 19.1668, 20.5442

Background



This preview shows how black text looks on a background with the XYZ color 17.5434, 19.1668, 20.5442.



This preview shows how white text looks on a background with the XYZ color 17.5434, 19.1668,

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

17.5434, 19.1668, 20.5442

Protanopia

18.3584, 19.0499, 20.1622

Deuteranopia

19.4853, 19.0896, 20.7468



Tritanopia

18.2702, 19.0953, 24.1956

Trichromacy



Original Color

17.5434, 19.1668, 20.5442

Protanomaly

18.0523, 19.0716, 20.1825

Deuteranomaly

18.6522, 19.0097, 20.7753

Tritanomaly

17.9928, 19.1644, 22.8294

Monochromacy



Original Color

17.5434, 19.1668, 20.5442

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.6988, 18.8824, 20.4811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5434, 19.1668, 20.5442 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(115, 123, 120)` looks like.

```
.text, #text, p{  
    color:rgb(115, 123, 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(115, 123, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 123, 120) }
```

Border

The CSS property to change the border of an element to XYZ 17.5434, 19.1668, 20.5442 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(115, 123, 120) }
```


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

```
.border{ border-color:rgb(115, 123, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 123, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 123, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 123, 120);  
box-shadow:4px 4px 4px 4px rgb(115, 123,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5434, 19.1668, 20.5442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 123, 120) }
```

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

```
.background{ background-color: rgb(115,  
123, 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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