

Converting Colors

XYZ(17.2497, 20.1678, 22.5010)

Have a look what the booklet for
XYZ(17.2497, 20.1678, 22.5010)
contains.

XYZ(17.1454, 20.0647, 22.3713)	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(17.1454, 20.0647,
22.3713)**

Conversions

Conversions Part 1

Format	Color
Hex	67817D
RGB	103, 129, 125
RGB Percent	40%, 51%, 49%
CMY	0.5961, 0.4941, 0.5098
CMYK	0.20, 0.00, 0.03, 0.49
HSL	171°, 11%, 45%
HSV	171°, 20%, 51%
XYZ	17.1454, 20.0647, 22.3713
YIQ	120.7700, -14.2120, -6.7560

Conversions

Conversions Part 2

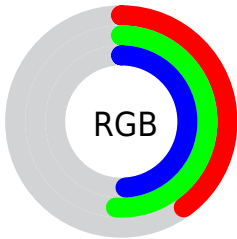
Format	Color
R_{YB}	103, 117, 129
Decimal	6783357
CIE _{Lab}	51.91, -10.20, -0.93
CIE _{LCh}	52, 10.245, 185.203
Yxy	20.0647, 0.2878, 0.3368
Android (android.graphics.Color)	4284973437 (0xFF67817D)
YUV	120.7700, 2.0854, -15.5843
Hunter-Lab	44.7936, -10.0655, 1.7443

Details

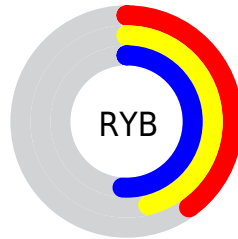
The XYZ color **17.1454, 20.0647, 22.3713** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.5580, 15.4296, 16.0161**, and the grayscale version is **18.0969, 19.0394, 20.7339**.

A 20% lighter version of the original color is **38.2814, 43.6388, 48.5250**, and **5.7487, 7.0713, 7.8994** is the 20% darker color. If you saturate the color by 10%, you get **15.6530, 19.3104, 21.6464**, and if you desaturate by 10%, it is **18.8698, 20.9394, 23.1212**.

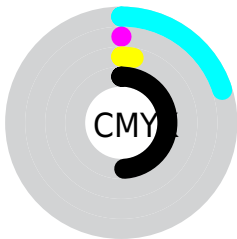
Distribution



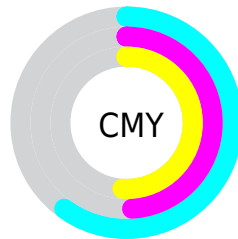
- Red (40%)
- Green (51%)
- Blue (49%)



- Red (40%)
- Yellow (46%)
- Blue (51%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (49%)



- Cyan (60%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1454, 20.0647, 22.3713 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 17.1454, 20.0647, 22.3713 by changing the saturation by 10% instead.

■ 17.1454, 20.0647,
22.3713

■ 17.1454, 20.0647,
22.3713

229.1488,
252.2652, 277.4957

■ 10.4342, 12.4421,
13.9291

■ 38.1172, 43.5256,
48.2689

■ 5.7522, 7.0455,
7.9332

■ 53.1085, 60.1327,
66.5614

■ 2.7342, 3.4906,
3.9650

■ 71.5905, 80.5035,
88.9744

■ 1.0148, 1.3929,
1.6062

■ 93.9286, 105.0222,
115.9264

■ 0.0000, 0.2115,
0.2952

120.4881,
134.0733, 147.8360

■ 0.0000, 0.0000,
0.0000

151.6344,

168.0413, 185.1218

187.7329,
207.3104, 228.2021

■ 17.1454, 20.0647,
22.3713

■ 17.1454, 20.0647,
22.3713

■ 15.6530, 19.3104,
21.6464

■ 18.8698, 20.9394,
23.1212

■ 14.3804, 18.6686,
20.9444

■ 20.8343, 21.9370,
23.8952

■ 13.3170, 18.1343,
20.2654

■ 23.0486, 23.0632,
24.6943

■ 12.4505, 17.7012,
19.6086

■ 25.5216, 24.3223,
25.5189

■ 11.7673, 17.3624,
18.9733

■ 28.2614, 25.7187,
26.3696

■ 11.2521, 17.1099,
18.3587

■ 31.2760, 27.2565,
27.2468

■ 10.8872, 16.9345,
17.7639

■ 34.5730, 28.9396,
28.1508

■ 10.6190, 16.8086,
17.1950

■ 38.1597, 30.7717,
29.0822

■ 42.0431, 32.7565,
30.0412

Harmonies

Analogous

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



17.3102, 20.0647, 19.5290



17.1454, 20.0647, 22.3713



17.4810, 20.0647, 25.3227

Triad

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



17.1454, 20.0647, 22.3713



20.2487, 20.0647, 26.8761



19.9231, 20.0647, 17.0435

Complementary

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



17.1454, 20.0647, 22.3713



16.5580, 15.4296, 16.0161

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.



20.7544, 20.0647, 18.7050



17.1454, 20.0647, 22.3713



20.9471, 20.0647, 24.3416

Square

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



17.1454, 20.0647, 22.3713



19.2531, 20.0647, 28.0704



21.1354, 20.0647, 21.3310



18.8899, 20.0647, 16.6190

Rectangle

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



17.1454, 20.0647, 22.3713



17.9508, 20.0647, 26.9029



21.1354, 20.0647, 21.3310



20.2366, 20.0647, 17.4679

Sweetspot

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



17.1460, 20.0655, 22.3718



35.1500, 38.1864, 41.9543



16.4025, 19.8271, 15.7947



7.9159, 8.6229, 9.4802



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.1460, 20.0655, 22.3718



29.4754, 35.3098, 39.4835



16.3131, 17.9824, 23.3810



4.4189, 4.8759, 5.3771



10.3544, 16.3883, 16.7710



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.5580, 15.4296, 16.0161



28.2313, 25.4968, 26.0331



17.2595, 17.1619, 15.2351



4.3527, 4.3542, 4.6617



8.9500, 4.5997, 1.0604



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.1454, 20.0647, 22.3713 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 17.1454, 20.0647, 22.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

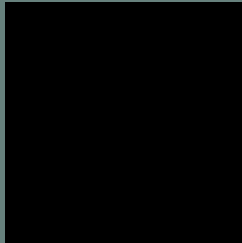
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

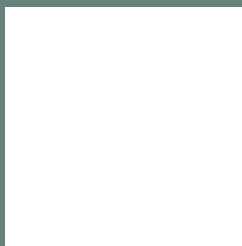
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1454, 20.0647, 22.3713

Background



This preview shows how black text looks on a background with the XYZ color 17.1454, 20.0647, 22.3713.



This preview shows how white text looks on a background with the XYZ color 17.1454, 20.0647,

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

17.1454, 20.0647, 22.3713

Protanopia

19.1383, 19.9820, 20.9374

Deuteranopia

20.3788, 20.0336, 22.8715



Tritanopia

17.9304, 19.9881, 26.5800

Trichromacy



Original Color

17.1454, 20.0647, 22.3713

Protanomaly

18.3177, 19.9239, 21.2926

Deuteranomaly

19.0172, 19.8832, 22.5742

Tritanomaly

17.6617, 20.0749, 25.1343

Monochromacy



Original Color

17.1454, 20.0647, 22.3713

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.6599, 19.3979, 21.2257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1454, 20.0647, 22.3713 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(103, 129, 125)` looks like.

```
.text, #text, p{  
    color:rgb(103, 129, 125)  
}
```

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(103, 129, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 129, 125) }
```

Border

The CSS property to change the border of an element to XYZ 17.1454, 20.0647, 22.3713 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(103, 129, 125) }
```


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

```
.border{ border-color:rgb(103, 129, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 129, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 129, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 129, 125);  
box-shadow:4px 4px 4px 4px rgb(103, 129,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1454, 20.0647, 22.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 129, 125) }
```

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

```
.background{ background-color: rgb(103,  
129, 125) }
```

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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