

Converting Colors

XYZ(17.2505, 19.8486, 21.3770)

Have a look what the booklet for
XYZ(17.2505, 19.8486, 21.3770)
contains.

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Color

**XYZ(17.2954, 19.9693,
21.3552)**

Conversions

Conversions Part 1

Format	Color
Hex	6B807A
RGB	107, 128, 122
RGB Percent	42%, 50%, 48%
CMY	0.5804, 0.4980, 0.5216
CMYK	0.16, 0.00, 0.05, 0.50
HSL	163°, 9%, 46%
HSV	163°, 16%, 50%
XYZ	17.2954, 19.9693, 21.3552
YIQ	121.0370, -10.5900, -6.3180

Conversions

Conversions Part 2

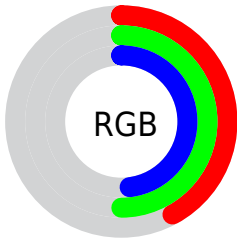
Format	Color
R_{YB}	107, 119, 128
Decimal	7045242
CIE Lab	51.80, -8.92, 0.70
CIE LCh	52, 8.944, 175.515
Yxy	19.9693, 0.2950, 0.3407
Android (android.graphics.Color)	4285235322 (0xFF6B807A)
YUV	121.0370, 0.4748, -12.3104
Hunter-Lab	44.6870, -9.1167, 2.9472

Details

The XYZ color **17.2954, 19.9693, 21.3552** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1411, 16.2973, 17.8659**, and the grayscale version is **18.1873, 19.1345, 20.8374**.

A 20% lighter version of the original color is **38.4619, 43.4747, 46.4087**, and **5.8022, 7.0028, 7.3492** is the 20% darker color. If you saturate the color by 10%, you get **15.6467, 19.1456, 20.1173**, and if you desaturate by 10%, it is **19.1817, 20.9156, 22.6496**.

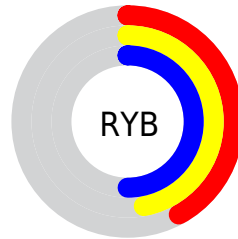
Distribution



Red (42%)

Green (50%)

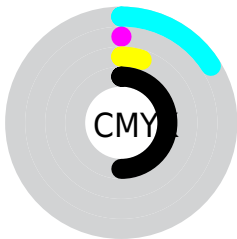
Blue (48%)



Red (42%)

Yellow (47%)

Blue (50%)

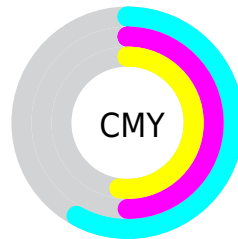


Cyan (16%)

Magenta (0%)

Yellow (5%)

Black (50%)



Cyan (58%)

Magenta (50%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2954, 19.9693, 21.3552 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 17.2954, 19.9693, 21.3552 by changing the saturation by 10% instead.

■ 17.2954, 19.9693,
21.3552

■ 17.2954, 19.9693,
21.3552

229.9922,
251.7489, 272.0030

■ 10.5419, 12.3727,
13.1901

■ 38.3725, 43.3657,
46.5664

■ 5.8247, 6.9981,
7.4273

■ 53.4269, 59.9343,
64.4496

■ 2.7784, 3.4609,
3.6483

■ 71.9790, 80.2624,
86.4092

■ 1.0377, 1.3768,
1.4344

■ 94.3941, 104.7344,
112.8638

■ 0.0000, 0.1995,
0.1684

121.0377,
133.7346, 144.2320

■ 0.0000, 0.0000,
0.0000

152.2749,

167.6475, 180.9322

188.4713,
206.8575, 223.3830

■ 17.2954, 19.9693,
21.3552

■ 17.2954, 19.9693,
21.3552

■ 15.6467, 19.1456,
20.1173

■ 19.1817, 20.9156,
22.6496

■ 14.2237, 18.4367,
18.9336

■ 21.3132, 21.9867,
24.0001

■ 13.0162, 17.8380,
17.8036

■ 23.6995, 23.1882,
25.4080

■ 12.0125, 17.3434,
16.7262

■ 26.3490, 24.5244,
26.8742

■ 11.1998, 16.9463,
15.7003

■ 29.2698, 25.9994,
28.3996

■ 10.5636, 16.6392,
14.7247

■ 32.4697, 27.6172,
29.9848

■ 10.0874, 16.4138,
13.7981

■ 35.9560, 29.3816,
31.6307

■ 9.7412, 16.2544,
12.9186

■ 39.7359, 31.2963,
33.3381

■ 9.6261, 16.2017,
12.6130

■ 43.8162, 33.3649,
35.1078

Harmonies

Analogous

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



17.5798, 19.9693, 19.0381



17.2954, 19.9693, 21.3552



17.4506, 19.9693, 23.9645

Triad

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



17.2954, 19.9693, 21.3552



19.7408, 19.9693, 26.5654



19.9841, 19.9693, 17.8834

Complementary

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



17.2954, 19.9693, 21.3552



17.1411, 16.2973, 17.8659

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.



20.5967, 19.9693, 19.6635



17.2954, 19.9693, 21.3552



20.4532, 19.9693, 24.6931

Square

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



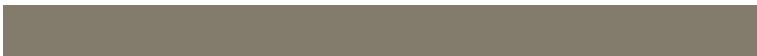
17.2954, 19.9693, 21.3552



18.8443, 19.9693, 27.1078



20.7711, 19.9693, 22.1358



19.1168, 19.9693, 17.1376

Rectangle

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



17.2954, 19.9693, 21.3552



17.7851, 19.9693, 25.5016



20.7711, 19.9693, 22.1358



20.2277, 19.9693, 18.3734

Sweetspot

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



17.2960, 19.9701, 21.3556



34.2310, 37.0544, 40.1779



17.2224, 20.0314, 16.8689



7.9649, 8.6506, 9.3744



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.



17.2960, 19.9701, 21.3556



29.2248, 34.5453, 36.7028



17.1429, 19.0503, 23.1967



4.3957, 4.8666, 5.2548



9.5451, 16.0646, 12.5093



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.1411, 16.2973, 17.8659



28.8944, 26.7009, 29.2512



17.2628, 17.0638, 16.2939



4.3744, 4.3629, 4.7761



9.1522, 4.6806, 2.1254



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.2954, 19.9693, 21.3552 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 17.2954, 19.9693, 21.3552 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 17.2954, 19.9693, 21.3552

Background



This preview shows how black text looks on a background with the XYZ color 17.2954, 19.9693, 21.3552.



This preview shows how white text looks on a background with the XYZ color 17.2954, 19.9693,

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

17.2954, 19.9693, 21.3552

Protanopia

19.0169, 19.9334, 20.2980

Deuteranopia

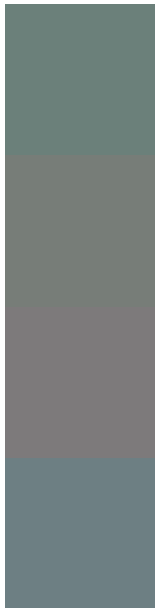
20.2266, 19.7998, 21.8245



Tritanopia

18.3352, 20.0143, 26.1893

Trichromacy



Original Color

17.2954, 19.9693, 21.3552

Protanomaly

18.3315, 19.9452, 20.6529

Deuteranomaly

18.9921, 19.7091, 21.5421

Tritanomaly

17.9928, 20.0686, 24.3980

Monochromacy



Original Color

17.2954, 19.9693, 21.3552

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.8613, 19.5088, 20.9133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2954, 19.9693, 21.3552 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(107, 128, 122)` looks like.

```
.text, #text, p{  
    color:rgb(107, 128, 122)  
}
```

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(107, 128, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 128, 122) }
```

Border

The CSS property to change the border of an element to XYZ 17.2954, 19.9693, 21.3552 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(107, 128, 122) }
```


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

```
.border{ border-color:rgb(107, 128, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 128, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 128, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 128, 122);  
box-shadow:4px 4px 4px 4px rgb(107, 128,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2954, 19.9693, 21.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 128, 122) }
```

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

```
.background{ background-color: rgb(107,  
128, 122) }
```

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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