

Converting Colors

XYZ(15.4750, 17.6422, 21.0328)

Have a look what the booklet for
XYZ(15.4750, 17.6422, 21.0328)
contains.

XYZ(15.4958, 17.7325, 21.0184)	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(15.4958, 17.7325,
21.0184)**

Conversions

Conversions Part 1

Format	Color
Hex	63797A
RGB	99, 121, 122
RGB Percent	39%, 47%, 48%
CMY	0.6118, 0.5255, 0.5216
CMYK	0.19, 0.01, 0.00, 0.52
HSL	183°, 10%, 43%
HSV	183°, 19%, 48%
XYZ	15.4958, 17.7325, 21.0184
YIQ	114.5360, -13.4330, -4.3530

Conversions

Conversions Part 2

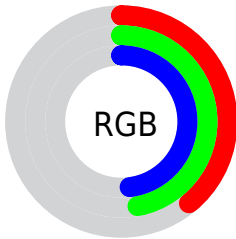
Format	Color
R_{YB}	99, 110, 122
Decimal	6519162
CIE _{Lab}	49.17, -7.76, -3.23
CIE _{LCh}	49, 8.403, 202.570
Yxy	17.7325, 0.2857, 0.3269
Android (android.graphics.Color)	4284709242 (0xFF63797A)
YUV	114.5360, 3.6798, -13.6251
Hunter-Lab	42.1100, -8.0073, -0.1165

Details

The XYZ color **15.4958, 17.7325, 21.0184** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8355, 14.1528, 13.7545**, and the grayscale version is **16.1479, 16.9889, 18.5009**.

A 20% lighter version of the original color is **35.1612, 39.4272, 45.8014**, and **4.9361, 5.8458, 7.1715** is the 20% darker color. If you saturate the color by 10%, you get **14.1983, 16.9688, 20.9397**, and if you desaturate by 10%, it is **16.9961, 18.6022, 21.1075**.

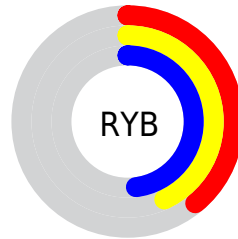
Distribution



Red (39%)

Green (47%)

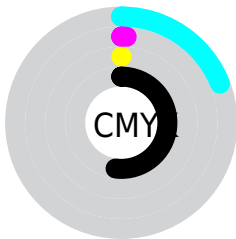
Blue (48%)



Red (39%)

Yellow (43%)

Blue (48%)

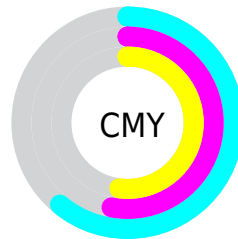


Cyan (19%)

Magenta (1%)

Yellow (0%)

Black (52%)



Cyan (61%)

Magenta (53%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4958, 17.7325, 21.0184 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 15.4958, 17.7325, 21.0184 by changing the saturation by 10% instead.

■ 15.4958, 17.7325,
21.0184

■ 15.4958, 17.7325,
21.0184

219.6772,
239.3589, 270.1605

■ 9.2567, 10.7581,
12.9461

■ 35.2852, 39.5810,
45.9993

■ 4.9674, 5.9044,
7.2611

■ 49.5662, 55.2239,
63.7450

■ 2.2627, 2.7870,
3.5450

■ 67.2585, 74.5250,
85.5523

■ 0.7755, 1.0216,
1.3792

■ 88.7275, 97.8689,
111.8396

■ 0.0000, 0.0000,
0.1254

114.3385,
125.6398, 143.0256

■ 0.0000, 0.0000,
0.0000

144.4569,

158.2222, 179.5287

179.4480,
196.0004, 221.7675

■ 15.4958, 17.7325,
21.0184

■ 15.4958, 17.7325,
21.0184

■ 14.1983, 16.9688,
20.9397

■ 16.9961, 18.6022,
21.1075

■ 13.0931, 16.3042,
20.8696

■ 18.7060, 19.5800,
21.2061

■ 12.1709, 15.7346,
20.8083

■ 20.6341, 20.6709,
21.3150

■ 11.4212, 15.2544,
20.7551

■ 22.7878, 21.8786,
21.4346

■ 10.8325, 14.8577,
20.7096

■ 25.1744, 23.2069,
21.5652

■ 10.3916, 14.5377,
20.6710

■ 27.8008, 24.6593,
21.7071

■ 10.0836, 14.2867,
20.6388

■ 30.6735, 26.2392,
21.8607

■ 9.8644, 14.0821,
20.6109

■ 33.7988, 27.9499,
22.0262

■ 9.8398, 14.0589,
20.6077

■ 37.1829, 29.7945,
22.2038

Harmonies

Analogous

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



15.3985, 17.7325, 18.7530



15.4958, 17.7325, 21.0184



15.9516, 17.7325, 22.9557

Triad

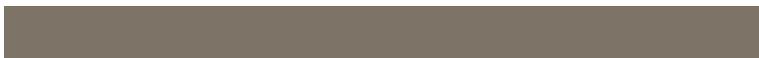
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.4958, 17.7325, 21.0184



18.0840, 17.7325, 22.0618



17.0505, 17.7325, 15.3231

Complementary

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



15.4958, 17.7325, 21.0184



14.8355, 14.1528, 13.7545

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.



17.7903, 17.7325, 16.0682



15.4958, 17.7325, 21.0184



18.3989, 17.7325, 19.8732

Square

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



15.4958, 17.7325, 21.0184



17.4414, 17.7325, 23.5901



18.2898, 17.7325, 17.6924



16.2803, 17.7325, 15.5777

Rectangle

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



15.4958, 17.7325, 21.0184



16.4052, 17.7325, 23.7423



18.2898, 17.7325, 17.6924



17.3113, 17.7325, 15.4628

Sweetspot

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



15.4963, 17.7332, 21.0188



30.6780, 33.1728, 37.1790



14.3944, 17.4877, 14.6146



6.9823, 7.5665, 8.4992



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.



15.4963, 17.7332, 21.0188



26.1451, 30.5427, 36.9102



14.2060, 15.1525, 20.5887



4.0929, 4.4840, 5.0930



10.3580, 14.7984, 21.6957



49.2425, 70.2577, 103.4355

Inverse Universe

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



15.9395, 14.4421, 20.0375



27.0925, 23.5518, 34.8024



15.9921, 16.4659, 14.1401



4.1473, 4.0747, 4.9735



11.8116, 5.7008, 18.0964



56.2585, 27.1597, 85.8803

Previews

White Background



This preview shows how the XYZ color 15.4958, 17.7325, 21.0184 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



This preview shows how the XYZ color 15.4958, 17.7325, 21.0184 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

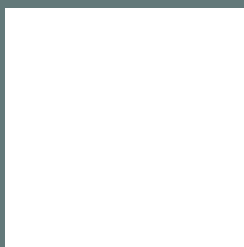
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4958, 17.7325, 21.0184

Background



This preview shows how black text looks on a background with the XYZ color 15.4958, 17.7325, 21.0184.



This preview shows how white text looks on a background with the XYZ color 15.4958, 17.7325,

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

15.4958, 17.7325, 21.0184

Protanopia

17.0464, 17.6742, 19.9658

Deuteranopia

18.0007, 17.6255, 21.5221



Tritanopia

15.9344, 17.7272, 23.3507

Trichromacy



Original Color

15.4958, 17.7325, 21.0184

Protanomaly

16.4241, 17.6924, 20.3186

Deuteranomaly

17.0230, 17.6338, 21.2454

Tritanomaly

15.7379, 17.6486, 22.3157

Monochromacy



Original Color

15.4958, 17.7325, 21.0184

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.9380, 17.2818, 19.6352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4958, 17.7325, 21.0184 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(99, 121, 122) looks like.

```
.text, #text, p{  
    color:rgb(99, 121, 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(99, 121, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 121, 122) }
```

Border

The CSS property to change the border of an element to XYZ 15.4958, 17.7325, 21.0184 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(99, 121, 122) }
```


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

```
.border{ border-color:rgb(99, 121, 122) }
```

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

Here you see how a box with a 4 pixel rgb(99, 121, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 121, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 121, 122);  
box-shadow:4px 4px 4px 4px rgb(99, 121,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4958, 17.7325, 21.0184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 121, 122) }
```

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

```
.background{ background-color: rgb(99, 121,  
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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