

Converting Colors

XYZ(15.1504, 17.4812, 21.0303)

Have a look what the booklet for
XYZ(15.1504, 17.4812, 21.0303)
contains.

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Color

**XYZ(15.1741, 17.5667,
21.0033)**

Conversions

Conversions Part 1

Format	Color
Hex	60797A
RGB	96, 121, 122
RGB Percent	38%, 47%, 48%
CMY	0.6235, 0.5255, 0.5216
CMYK	0.21, 0.01, 0.00, 0.52
HSL	182°, 12%, 43%
HSV	182°, 21%, 48%
XYZ	15.1741, 17.5667, 21.0033
YIQ	113.6390, -15.2210, -4.9890

Conversions

Conversions Part 2

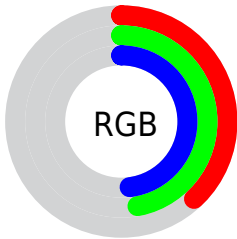
Format	Color
R_{YB}	96, 109, 122
Decimal	6322554
CIE _{Lab}	48.97, -8.78, -3.55
CIE _{LCh}	49, 9.474, 201.998
Yxy	17.5667, 0.2823, 0.3269
Android (android.graphics.Color)	4284512634 (0xFF60797A)
YUV	113.6390, 4.1220, -15.4694
Hunter-Lab	41.9126, -8.7228, -0.3726

Details

The XYZ color **15.1741, 17.5667, 21.0033** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4122, 13.5315, 12.9189**, and the grayscale version is **15.8779, 16.7048, 18.1916**.

A 20% lighter version of the original color is **34.6162, 39.1462, 45.7759**, and **4.7866, 5.7687, 7.1645** is the 20% darker color. If you saturate the color by 10%, you get **13.9322, 16.8426, 20.9293**, and if you desaturate by 10%, it is **16.6165, 18.3955, 21.0875**.

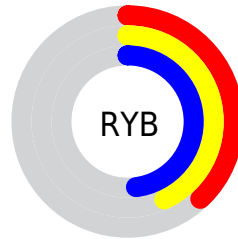
Distribution



Red (38%)

Green (47%)

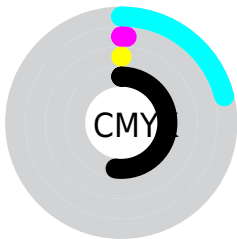
Blue (48%)



Red (38%)

Yellow (43%)

Blue (48%)

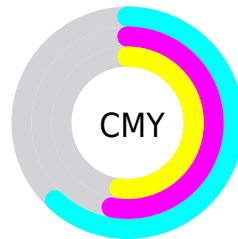


Cyan (21%)

Magenta (1%)

Yellow (0%)

Black (52%)



Cyan (62%)

Magenta (53%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1741, 17.5667, 21.0033 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 15.1741, 17.5667, 21.0033 by changing the saturation by 10% instead.

■ 15.1741, 17.5667,
21.0033

■ 15.1741, 17.5667,
21.0033

217.7851,
238.4173, 270.0777

■ 9.0288, 10.6394,
12.9351

■ 34.7275, 39.2976,
45.9739

■ 4.8172, 5.8249,
7.2537

■ 48.8662, 54.8699,
63.7134

■ 2.1741, 2.7389,
3.5404

■ 66.4002, 74.0927,
85.5138

■ 0.7290, 0.9970,
1.3768

■ 87.6946, 97.3504,
111.7936

■ 0.0000, 0.0000,
0.1235

113.1150,
125.0272, 142.9713

■ 0.0000, 0.0000,
0.0000

143.0267,

157.5078, 179.4656

177.7949,
195.1763, 221.6948

■ 15.1741, 17.5667,
21.0033

■ 15.1741, 17.5667,
21.0033

■ 13.9322, 16.8426,
20.9293

■ 16.6165, 18.3955,
21.0875

■ 12.8801, 16.2164,
20.8639

■ 18.2665, 19.3312,
21.1812

■ 12.0086, 15.6836,
20.8069

■ 20.1327, 20.3788,
21.2850

■ 11.3067, 15.2387,
20.7581

■ 22.2227, 21.5421,
21.3994

■ 10.7626, 14.8755,
20.7166

■ 24.5437, 22.8250,
21.5247

■ 10.3628, 14.5872,
20.6821

■ 27.1027, 24.2310,
21.6612

■ 10.0916, 14.3655,
20.6536

■ 29.9063, 25.7635,
21.8093

■ 9.9112, 14.2017,
20.6315

■ 32.9610, 27.4259,
21.9691

■ 36.2729, 29.2212,
22.1411

Harmonies

Analogous

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



15.0740, 17.5667, 18.4594



15.1741, 17.5667, 21.0033



15.6748, 17.5667, 23.2121

Triad

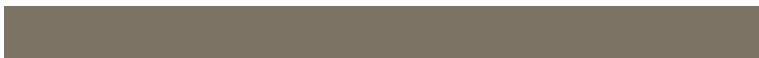
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.1741, 17.5667, 21.0033



18.0679, 17.5667, 22.2737



16.9337, 17.5667, 14.7123

Complementary

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



15.1741, 17.5667, 21.0033



14.4122, 13.5315, 12.9189

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.



17.7619, 17.5667, 15.5520



15.1741, 17.5667, 21.0033



18.4316, 17.5667, 19.8108

Square

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



15.1741, 17.5667, 21.0033



17.3395, 17.5667, 23.9894



18.3177, 17.5667, 17.3662



16.0699, 17.5667, 14.9708

Rectangle

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



15.1741, 17.5667, 21.0033



16.1783, 17.5667, 24.1242



18.3177, 17.5667, 17.3662



17.2259, 17.5667, 14.8727

Sweetspot

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



15.1746, 17.5674, 21.0037



30.6861, 33.1891, 37.1817



13.9352, 17.2668, 13.8754



6.9843, 7.5705, 8.4998



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.



15.1746, 17.5674, 21.0037



25.4917, 30.2060, 36.8797



13.7137, 14.6455, 20.5167



4.0945, 4.4873, 5.0935



10.4333, 14.9491, 21.7209



49.6202, 71.0130, 103.5614

Inverse Universe

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



15.6605, 13.8842, 19.9445



26.5259, 22.4184, 34.6138



15.6992, 16.1055, 13.3479



4.1482, 4.0750, 4.9779



11.8496, 5.7160, 18.2967



56.4491, 27.2360, 86.8840

Previews

White Background



This preview shows how the XYZ color 15.1741, 17.5667, 21.0033 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 15.1741, 17.5667, 21.0033 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

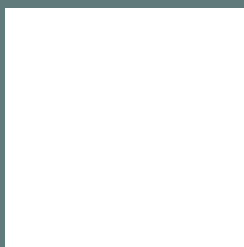
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1741, 17.5667, 21.0033

Background



This preview shows how black text looks on a background with the XYZ color 15.1741, 17.5667, 21.0033.



This preview shows how white text looks on a background with the XYZ color 15.1741, 17.5667,

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

15.1741, 17.5667, 21.0033

Protanopia

16.7966, 17.3753, 19.9213

Deuteranopia

17.8554, 17.5506, 21.5153



Tritanopia

15.7159, 17.6146, 23.3405

Trichromacy



Original Color

15.1741, 17.5667, 21.0033

Protanomaly

16.0581, 17.3299, 20.2679

Deuteranomaly

16.7600, 17.4983, 21.2330

Tritanomaly

15.4121, 17.4807, 22.3005

Monochromacy



Original Color

15.1741, 17.5667, 21.0033

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.6356, 17.1327, 19.3125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1741, 17.5667, 21.0033 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(96, 121, 122) looks like.

```
.text, #text, p{  
    color:rgb(96, 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(96, 121, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 121, 122) }
```

Border

The CSS property to change the border of an element to XYZ 15.1741, 17.5667, 21.0033 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(96, 121, 122) }
```


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

```
.border{ border-color:rgb(96, 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(96, 121, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 121, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 121, 122);  
box-shadow:4px 4px 4px 4px rgb(96, 121,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1741, 17.5667, 21.0033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 121, 122) }
```

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

```
.background{ background-color: rgb(96, 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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