

Converting Colors

XYZ(15.4344, 17.6329, 22.6530)

Have a look what the booklet for
XYZ(15.4344, 17.6329, 22.6530)
contains.

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Color

**XYZ(15.4920, 17.6938,
22.6774)**

Conversions

Conversions Part 1

Format	Color
Hex	60797F
RGB	96, 121, 127
RGB Percent	38%, 47%, 50%
CMY	0.6235, 0.5255, 0.5020
CMYK	0.24, 0.05, 0.00, 0.50
HSL	192°, 14%, 44%
HSV	192°, 24%, 50%
XYZ	15.4920, 17.6938, 22.6774
YIQ	114.2090, -16.8260, -3.4340

Conversions

Conversions Part 2

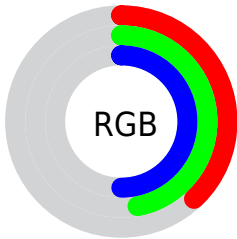
Format	Color
R_{YB}	96, 110, 127
Decimal	6322559
CIE _{Lab}	49.12, -7.58, -6.27
CIE _{LCh}	49, 9.836, 219.614
Yxy	17.6938, 0.2773, 0.3167
Android (android.graphics.Color)	4284512639 (0xFF60797F)
YUV	114.2090, 6.3060, -15.9693
Hunter-Lab	42.0640, -7.8712, -2.5194

Details

The XYZ color **15.4920, 17.6938, 22.6774** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6153, 14.8595, 13.1119**, and the grayscale version is **16.0426, 16.8781, 18.3802**.

A 20% lighter version of the original color is **35.2144, 39.3855, 48.9262**, and **4.9114, 5.8132, 8.0709** is the 20% darker color. If you saturate the color by 10%, you get **13.9675, 16.4706, 22.5219**, and if you desaturate by 10%, it is **17.2410, 19.0449, 22.8463**.

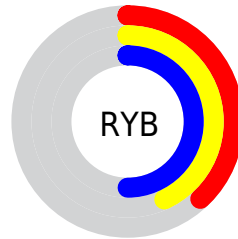
Distribution



Red (38%)

Green (47%)

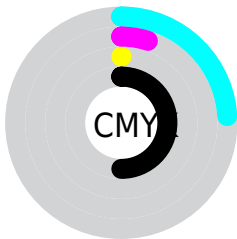
Blue (50%)



Red (38%)

Yellow (43%)

Blue (50%)

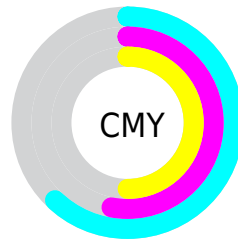


Cyan (24%)

Magenta (5%)

Yellow (0%)

Black (50%)



Cyan (62%)

Magenta (53%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4920, 17.6938, 22.6774 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 15.4920, 17.6938, 22.6774 by changing the saturation by 10% instead.

■ 15.4920, 17.6938,
22.6774

■ 15.4920, 17.6938,
22.6774

219.6550,
239.1394, 279.1317

■ 9.2540, 10.7304,
14.1524

■ 35.2786, 39.5149,
48.7795

■ 4.9656, 5.8858,
8.0868

■ 49.5579, 55.1413,
67.1938

■ 2.2617, 2.7758,
4.0620

■ 67.2484, 74.4242,
89.7415

■ 0.7749, 1.0158,
1.6594

■ 88.7153, 97.7480,
116.8413

■ 0.0000, 0.0000,
0.3327

114.3241,
125.4970, 148.9117

■ 0.0000, 0.0000,
0.0000

144.4400,

158.0556, 186.3712

179.4285,
195.8083, 229.6383

■ 15.4920, 17.6938,
22.6774

■ 15.4920, 17.6938,
22.6774

■ 13.9675, 16.4706,
22.5219

■ 17.2410, 19.0449,
22.8463

■ 12.6557, 15.3678,
22.3782

■ 19.2227, 20.5270,
23.0279

■ 11.5456, 14.3801,
22.2461

■ 21.4468, 22.1454,
23.2231

■ 10.6251, 13.5013,
22.1250

■ 23.9218, 23.9047,
23.4322

■ 9.8804, 12.7239,
22.0142

■ 26.6560, 25.8093,
23.6557

■ 9.2958, 12.0401,
21.9130

■ 29.6572, 27.8632,
23.8940

■ 8.8498, 11.4384,
21.8204

■ 32.9328, 30.0704,
24.1474

■ 8.6241, 11.1189,
21.7706

■ 36.4901, 32.4346,
24.4162

■ 40.3359, 34.9595,
24.7009

Harmonies

Analogous

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



15.1340, 17.6938, 20.1235



15.4920, 17.6938, 22.6774



16.2091, 17.6938, 24.4117

Triad

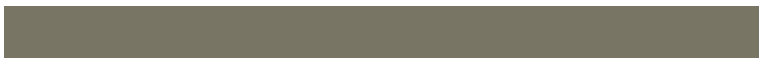
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.4920, 17.6938, 22.6774



18.5296, 17.6938, 21.0835



16.5239, 17.6938, 14.6924

Complementary

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



15.4920, 17.6938, 22.6774



15.6153, 14.8595, 13.1119

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.



17.4408, 17.6938, 14.8987



15.4920, 17.6938, 22.6774



18.6213, 17.6938, 18.4323

Square

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



15.4920, 17.6938, 22.6774



17.9700, 17.6938, 23.4349



18.2164, 17.6938, 16.2143



15.7152, 17.6938, 15.6226

Rectangle

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



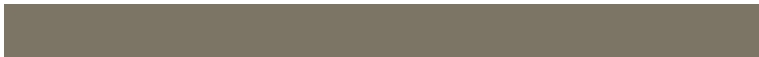
15.4920, 17.6938, 22.6774



16.8055, 17.6938, 24.7848



18.2164, 17.6938, 16.2143



16.8293, 17.6938, 14.6333

Sweetspot

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



15.4925, 17.6945, 22.6778



33.4015, 36.0025, 41.1450



14.7962, 18.6189, 15.3026



7.7821, 8.4008, 9.6297



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.



15.4925, 17.6945, 22.6778



26.2521, 30.5011, 40.4599



13.7902, 14.2898, 22.1104



4.3780, 4.7499, 5.4994



8.6966, 11.2116, 21.9557



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.3869, 14.2587, 19.9784



28.1534, 23.3777, 34.6805



17.2467, 18.1223, 13.6557



4.4636, 4.3986, 5.2458



11.2666, 5.5263, 13.2596



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.4920, 17.6938, 22.6774 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 15.4920, 17.6938, 22.6774 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

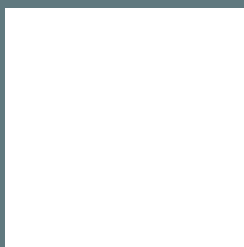
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4920, 17.6938, 22.6774

Background



This preview shows how black text looks on a background with the XYZ color 15.4920, 17.6938, 22.6774.



This preview shows how white text looks on a background with the XYZ color 15.4920, 17.6938,

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

15.4920, 17.6938, 22.6774

Protanopia

17.0859, 17.6590, 21.5768

Deuteranopia

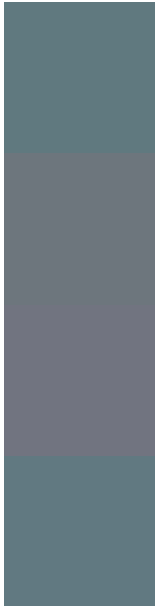
17.8936, 17.5328, 23.2100



Tritanopia

15.7964, 17.8278, 23.7277

Trichromacy



Original Color

15.4920, 17.6938, 22.6774

Protanomaly

16.4868, 17.6887, 21.9474

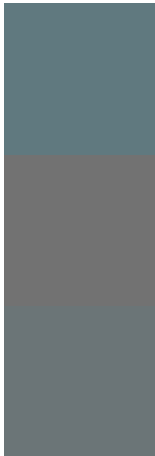
Deuteranomaly

16.9517, 17.5600, 22.9180

Tritanomaly

15.7296, 17.8011, 23.3758

Monochromacy



Original Color

15.4920, 17.6938, 22.6774

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.7545, 17.1803, 19.9385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4920, 17.6938, 22.6774 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, 127) looks like.

```
.text, #text, p{  
    color:rgb(96, 121, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 121, 127) }
```

Border

The CSS property to change the border of an element to XYZ 15.4920, 17.6938, 22.6774 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, 127) }
```


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

```
.border{ border-color:rgb(96, 121, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 121, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 121, 127);  
box-shadow:4px 4px 4px 4px rgb(96, 121,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4920, 17.6938, 22.6774 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, 127) }
```

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

```
.background{ background-color: rgb(96, 121,  
127) }
```

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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