

Converting Colors

XYZ(15.6375, 17.2856, 22.2943)

Have a look what the booklet for
XYZ(15.6375, 17.2856, 22.2943)
contains.

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Color

**XYZ(15.6112, 17.2299,
22.2416)**

Conversions

Conversions Part 1

Format	Color
Hex	65767E
RGB	101, 118, 126
RGB Percent	40%, 46%, 49%
CMY	0.6039, 0.5372, 0.5059
CMYK	0.20, 0.06, 0.00, 0.51
HSL	199°, 11%, 45%
HSV	199°, 20%, 49%
XYZ	15.6112, 17.2299, 22.2416
YIQ	113.8290, -12.7000, -1.1160

Conversions

Conversions Part 2

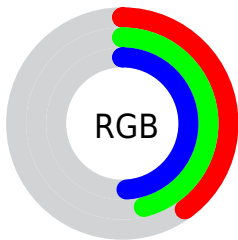
Format	Color
R_{YB}	101, 111, 126
Decimal	6649470
CIE _{Lab}	48.55, -4.40, -6.50
CIE _{LCh}	49, 7.849, 235.873
Yxy	17.2299, 0.2834, 0.3128
Android (android.graphics.Color)	4284839550 (0xFF65767E)
YUV	113.8290, 6.0003, -11.2510
Hunter-Lab	41.5089, -5.5081, -2.7129

Details

The XYZ color **15.6112, 17.2299, 22.2416** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4221, 16.3127, 14.5956**, and the grayscale version is **15.9287, 16.7583, 18.2498**.

A 20% lighter version of the original color is **35.4603, 38.6795, 48.2448**, and **5.0510, 5.7004, 7.8552** is the 20% darker color. If you saturate the color by 10%, you get **13.8426, 15.6288, 22.0260**, and if you desaturate by 10%, it is **17.6174, 18.9845, 22.4748**.

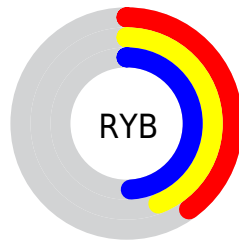
Distribution



Red (40%)

Green (46%)

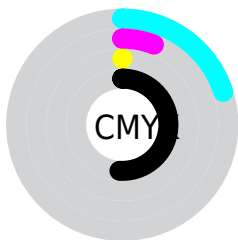
Blue (49%)



Red (40%)

Yellow (44%)

Blue (49%)

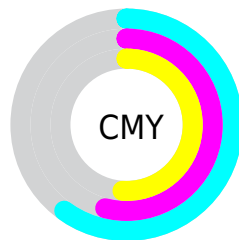


Cyan (20%)

Magenta (6%)

Yellow (0%)

Black (51%)



Cyan (60%)

Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6112, 17.2299, 22.2416 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 15.6112, 17.2299, 22.2416 by changing the saturation by 10% instead.

■ 15.6112, 17.2299,
22.2416

■ 15.6112, 17.2299,
22.2416

220.3522,
236.4938, 276.7999

■ 9.3385, 10.3985,
13.8345

■ 35.4848, 38.7206,
48.0523

■ 5.0215, 5.6640,
7.8682

■ 49.8165, 54.1488,
66.2930

■ 2.2948, 2.6419,
3.9242

■ 67.5652, 73.2113,
88.6486

■ 0.7920, 0.9478,
1.5838

■ 89.0964, 96.2927,
115.5377

■ 0.0000, 0.0000,
0.2793

114.7753,
123.7772, 147.3789

■ 0.0000, 0.0000,
0.0000

144.9673,

156.0493, 184.5906

180.0379,
193.4933, 227.5914

■ 15.6112, 17.2299,
22.2416

■ 15.6112, 17.2299,
22.2416

■ 13.8426, 15.6288,
22.0260

■ 17.6174, 18.9845,
22.4748

■ 12.3001, 14.1735,
21.8265

■ 19.8692, 20.8958,
22.7250

■ 10.9733, 12.8589,
21.6426

■ 22.3759, 22.9694,
22.9932

■ 9.8504, 11.6783,
21.4739

■ 25.1461, 25.2099,
23.2796

■ 8.9185, 10.6248,
21.3197

■ 28.1877, 27.6220,
23.5849

■ 8.1629, 9.6904,
21.1792

■ 31.5085, 30.2099,
23.9094

■ 7.5668, 8.8660,
21.0515

■ 35.1158, 32.9777,
24.2535

■ 7.0764, 8.1234,
20.9340

■ 39.0167, 35.9294,
24.6176

■ 7.0687, 8.1119,
20.9322

■ 43.2181, 39.0689,
25.0022

Harmonies

Analogous

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



15.1609, 17.2299, 20.5463



15.6112, 17.2299, 22.2416



16.2770, 17.2299, 23.0043

Triad

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



15.6112, 17.2299, 22.2416



17.7981, 17.2299, 19.0476



15.7791, 17.2299, 15.4110

Complementary

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



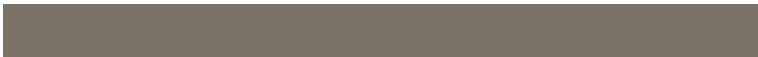
15.6112, 17.2299, 22.2416



16.4221, 16.3127, 14.5956

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.



16.4765, 17.2299, 15.0735



15.6112, 17.2299, 22.2416



17.6554, 17.2299, 17.0812

Square

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



15.6112, 17.2299, 22.2416



17.5507, 17.2299, 21.0765



17.1664, 17.2299, 15.6629



15.2558, 17.2299, 16.6205

Rectangle

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



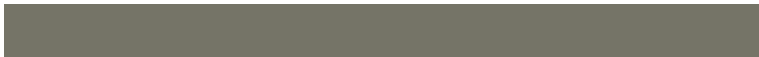
15.6112, 17.2299, 22.2416



16.7585, 17.2299, 22.8431



17.1664, 17.2299, 15.6629



16.0004, 17.2299, 15.1957

Sweetspot

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



15.6117, 17.2306, 22.2420



32.4252, 34.6284, 39.7193



15.5839, 18.7911, 17.2506



7.3314, 7.8391, 9.0298



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.6117, 17.2306, 22.2420



25.9588, 28.9654, 38.9671



14.2444, 14.4960, 21.7862



4.3340, 4.6621, 5.4847



7.2478, 8.3141, 21.4727



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.5283, 15.0515, 19.1743



27.9159, 24.4546, 32.3858



17.8416, 19.1518, 15.0687



4.4414, 4.3897, 5.1291



10.5353, 5.2338, 9.4088



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.6112, 17.2299, 22.2416 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 15.6112, 17.2299, 22.2416 looks on a black 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

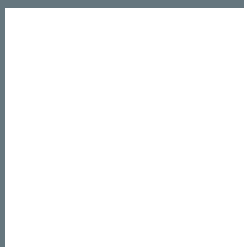
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.6112, 17.2299, 22.2416

Background



This preview shows how black text looks on a background with the XYZ color 15.6112, 17.2299, 22.2416.



This preview shows how white text looks on a background with the XYZ color 15.6112, 17.2299,

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

15.6112, 17.2299, 22.2416

Protanopia

16.7256, 17.1347, 21.4946

Deuteranopia

17.5101, 17.1856, 22.4729



Tritanopia

15.6760, 17.2559, 22.5832

Trichromacy



Original Color

15.6112, 17.2299, 22.2416

Protanomaly

16.2628, 17.0571, 21.8372

Deuteranomaly

16.7875, 17.1443, 22.5031

Tritanomaly

15.6760, 17.2559, 22.5832

Monochromacy



Original Color

15.6112, 17.2299, 22.2416

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.7074, 16.8207, 19.5584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6112, 17.2299, 22.2416 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(101, 118, 126)` looks like.

```
.text, #text, p{  
    color:rgb(101, 118, 126)  
}
```

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(101, 118, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 118, 126) }
```

Border

The CSS property to change the border of an element to XYZ 15.6112, 17.2299, 22.2416 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(101, 118, 126) }
```


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

```
.border{ border-color:rgb(101, 118, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 118, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 118, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 118, 126);  
box-shadow:4px 4px 4px 4px rgb(101, 118,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6112, 17.2299, 22.2416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 118, 126) }
```

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

```
.background{ background-color: rgb(101,  
118, 126) }
```

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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