

Converting Colors

XYZ(15.5203, 17.1473, 22.7417)

Have a look what the booklet for
XYZ(15.5203, 17.1473, 22.7417)
contains.

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Color

**XYZ(15.5203, 17.1680,
22.9178)**

Conversions

Conversions Part 1	
Format	Color
Hex	637680
RGB	99, 118, 128
RGB Percent	39%, 46%, 50%
CMY	0.6118, 0.5372, 0.4980
CMYK	0.23, 0.08, 0.00, 0.50
HSL	201°, 13%, 45%
HSV	201°, 23%, 50%
XYZ	15.5203, 17.1680, 22.9178
YIQ	113.4590, -14.5340, -0.9180

Conversions

Conversions Part 2

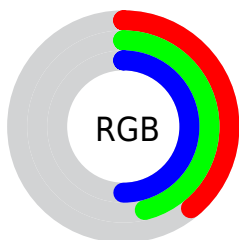
Format	Color
RYB	99, 110, 128
Decimal	6518400
CIELab	48.47, -4.60, -7.81
CIELCh	48, 9.067, 239.497
Yxy	17.1680, 0.2791, 0.3087
Android (android.graphics.Color)	4284708480 (0xFF637680)
YUV	113.4590, 7.1687, -12.6805
Hunter-Lab	41.4343, -5.6481, -3.7900

Details

The XYZ color **15.5203, 17.1680, 22.9178** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.6231, 16.4274, 14.0995**, and the grayscale version is **15.8153, 16.6389, 18.1198**.

A 20% lighter version of the original color is **35.2929, 38.5697, 49.3006**, and **5.0176, 5.6749, 8.2280** is the 20% darker color. If you saturate the color by 10%, you get **13.7237, 15.4887, 22.6886**, and if you desaturate by 10%, it is **17.5639, 19.0116, 23.1662**.

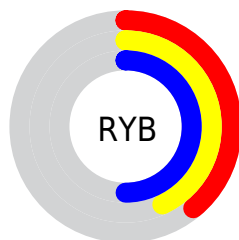
Distribution



Red (39%)

Green (46%)

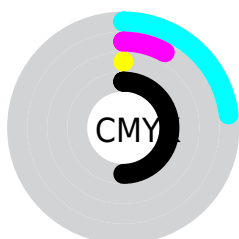
Blue (50%)



Red (39%)

Yellow (43%)

Blue (50%)

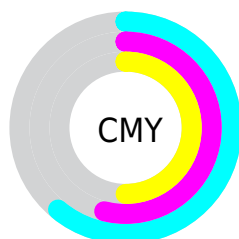


Cyan (23%)

Magenta (8%)

Yellow (0%)

Black (50%)



Cyan (61%)

Magenta (54%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.5203, 17.1680, 22.9178 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 15.5203, 17.1680, 22.9178 by changing the saturation by 10% instead.


 15.5203, 17.1680,
22.9178


 15.5203, 17.1680,
22.9178


219.8207,
236.1387, 280.4107


 9.2740, 10.3543,
14.3281


 35.3276, 38.6144,
49.1798


 4.9789, 5.6345,
8.2079


 49.6194, 54.0159,
67.6892

 2.2695, 2.6241,
4.1386

 67.3237, 73.0489,
90.3422

 0.7790, 0.9388,
1.7017

 88.8058, 96.0976,
117.5574

 0.0000, 0.0000,
0.3619

114.4313,
123.5466, 149.7533

 0.0000, 0.0000,
0.0000

144.5653,

155.7802, 187.3485

179.5734,
193.1827, 230.7614

■ 15.5203, 17.1680,
22.9178

■ 15.5203, 17.1680,
22.9178

■ 13.7237, 15.4887,
22.6886

■ 17.5639, 19.0116,
23.1662

■ 12.1619, 13.9656,
22.4770

■ 19.8630, 21.0232,
23.4333

■ 10.8238, 12.5929,
22.2825

■ 22.4277, 23.2086,
23.7200

■ 9.6967, 11.3636,
22.1047

■ 25.2669, 25.5731,
24.0267

■ 8.7666, 10.2700,
21.9426

■ 28.3891, 28.1215,
24.3541

8.0176, 9.3033,
21.7955

31.8025, 30.8584,
24.7024

7.4311, 8.4534,
21.6623

35.5149, 33.7882,
25.0723

7.0564, 7.8788,
21.5712

39.5338, 36.9154,
25.4641

43.8664, 40.2440,
25.8782

Harmonies

Analogous

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



14.9666, 17.1680, 21.0370



15.5203, 17.1680, 22.9178



16.3037, 17.1680, 23.6504

Triad

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



15.5203, 17.1680, 22.9178



17.9675, 17.1680, 18.7332



15.5438, 17.1680, 14.9876

Complementary

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



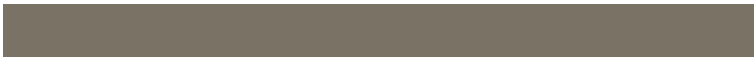
15.5203, 17.1680, 22.9178



16.6231, 16.4274, 14.0995

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.



16.3317, 17.1680, 14.4818



15.5203, 17.1680, 22.9178



17.7477, 17.1680, 16.5300

Square

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



15.5203, 17.1680, 22.9178



17.7329, 17.1680, 21.1123



17.1419, 17.1680, 15.0223



14.9798, 17.1680, 16.4660

Rectangle

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



15.5203, 17.1680, 22.9178



16.8566, 17.1680, 23.3451



17.1419, 17.1680, 15.0223



15.7904, 17.1680, 14.7041

Sweetspot

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



15.5208, 17.1687, 22.9182



33.0908, 35.3811, 41.0414



15.6075, 19.1883, 17.2556



7.7049, 8.2465, 9.6040



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.



15.5208, 17.1687, 22.9182



25.7023, 28.7238, 40.1459



13.9758, 14.0787, 22.4032



4.3255, 4.6450, 5.4819



6.9982, 7.8149, 21.3895



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.6344, 14.8213, 19.1244



28.0414, 23.9665, 32.1375



18.2582, 19.6977, 14.6445



4.4371, 4.3880, 5.1063



10.4093, 5.1834, 8.7453



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.5203, 17.1680, 22.9178 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 15.5203, 17.1680, 22.9178 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

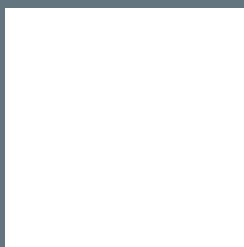
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5203, 17.1680, 22.9178

Background



This preview shows how black text looks on a background with the XYZ color 15.5203, 17.1680, 22.9178.



This preview shows how white text looks on a background with the XYZ color 15.5203, 17.1680,

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

15.5203, 17.1680, 22.9178

Protanopia

16.7226, 17.1184, 22.1615

Deuteranopia

17.3644, 17.0953, 23.1534



Tritanopia

15.5203, 17.1680, 22.9178

Trichromacy



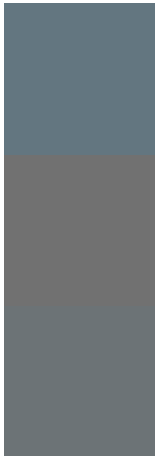
Original Color
15.5203, 17.1680, 22.9178

Protanomaly
16.2682, 17.0450, 22.5113

Deuteranomaly
16.6619, 17.0644, 23.1845

Tritanomaly
15.5203, 17.1680, 22.9178

Monochromacy



Original Color
15.5203, 17.1680, 22.9178

Achromatopsia
15.6958, 16.5132, 17.9829

Achromatomaly
15.5851, 16.7576, 19.5527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5203, 17.1680, 22.9178 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, 118, 128) looks like.

```
.text, #text, p{  
    color:rgb(99, 118, 128)  
}
```

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, 118, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 118, 128) }
```

Border

The CSS property to change the border of an element to XYZ 15.5203, 17.1680, 22.9178 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, 118, 128) }
```


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

```
.border{ border-color:rgb(99, 118, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 118, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 118, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 118, 128);  
box-shadow:4px 4px 4px 4px rgb(99, 118,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5203, 17.1680, 22.9178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 118, 128) }
```

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

```
.background{ background-color: rgb(99, 118,  
128) }
```

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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