

Converting Colors

XYZ(13.5212, 15.4710, 18.1574)

Have a look what the booklet for
XYZ(13.5212, 15.4710, 18.1574)
contains.

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Color

**XYZ(13.5688, 15.5767,
18.2110)**

Conversions

Conversions Part 1

Format	Color
Hex	5D7272
RGB	93, 114, 114
RGB Percent	36%, 45%, 45%
CMY	0.6353, 0.5529, 0.5529
CMYK	0.18, 0.00, 0.00, 0.55
HSL	180°, 10%, 41%
HSV	180°, 18%, 45%
XYZ	13.5688, 15.5767, 18.2110
YIQ	107.7210, -12.5160, -4.4520

Conversions

Conversions Part 2

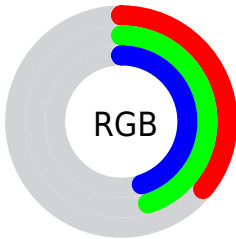
Format	Color
RYB	93, 104, 114
Decimal	6124146
CIELab	46.41, -7.71, -2.58
CIElCh	46, 8.129, 198.524
Yxy	15.5767, 0.2865, 0.3289
Android (android.graphics.Color)	4284314226 (0xFF5D7272)
YUV	107.7210, 3.0955, -12.9103
Hunter-Lab	39.4673, -7.6998, 0.2696

Details

The XYZ color **13.5688, 15.5767, 18.2110** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.8302, 12.1969, 12.0347**, and the grayscale version is **14.1703, 14.9082, 16.2351**.

A 20% lighter version of the original color is **32.0208, 35.9549, 41.3287**, and **4.0583, 4.8706, 5.8805** is the 20% darker color. If you saturate the color by 10%, you get **12.4999, 15.0261, 18.1610**, and if you desaturate by 10%, it is **14.8106, 16.2173, 18.2697**.

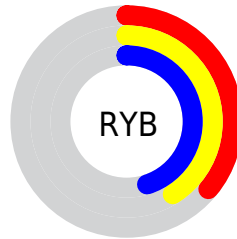
Distribution



Red (36%)

Green (45%)

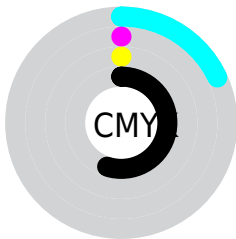
Blue (45%)



Red (36%)

Yellow (41%)

Blue (45%)

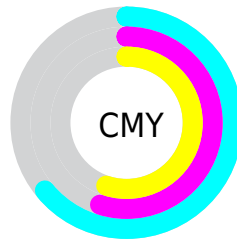


Cyan (18%)

Magenta (0%)

Yellow (0%)

Black (55%)



Cyan (64%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5688, 15.5767, 18.2110 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 13.5688, 15.5767, 18.2110 by changing the saturation by 10% instead.

■ 13.5688, 15.5767,
18.2110

■ 13.5688, 15.5767,
18.2110

208.0963,
226.8308, 254.3336

■ 7.9011, 9.2251,
10.9306

■ 31.9146, 35.8618,
41.2153

■ 4.0830, 4.8883,
5.9066

■ 45.3235, 50.5640,
57.7763

■ 1.7492, 2.1819,
2.7205

■ 62.0433, 68.8186,
78.2679

■ 0.4868, 0.7101,
0.9537

■ 82.4397, 91.0100,
103.1086

■ 0.0000, 0.0000,
0.0000

106.8778,
117.5225, 132.7170

135.7230,

148.7405, 167.5116

169.3407,
185.0485, 207.9109

■ 13.5688, 15.5767,
18.2110

■ 13.5688, 15.5767,
18.2110

■ 12.4999, 15.0261,
18.1610

■ 14.8106, 16.2173,
18.2697

■ 11.5951, 14.5596,
18.1184

■ 16.2312, 16.9496,
18.3365

■ 10.8466, 14.1738,
18.0831

■ 17.8376, 17.7777,
18.4120

■ 10.2455, 13.8639,
18.0547

■ 19.6363, 18.7050,
18.4964

■ 9.7822, 13.6251,
18.0327

■ 21.6334, 19.7345,
18.5902

■ 9.4457, 13.4516,
18.0167

■ 23.8345, 20.8692,
18.6935

■ 9.2235, 13.3370,
18.0060

■ 26.2454, 22.1121,
18.8066

■ 9.0770, 13.2615,
17.9988

■ 28.8713, 23.4658,
18.9298

■ 9.0544, 13.2499,
17.9977

■ 31.7174, 24.9330,
19.0632

Harmonies

Analogous

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



13.5286, 15.5767, 16.2071



13.5688, 15.5767, 18.2110



13.9340, 15.5767, 20.0061

Triad

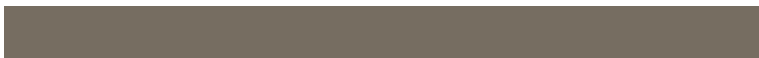
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.5688, 15.5767, 18.2110



15.8336, 15.5767, 19.6354



15.0738, 15.5767, 13.4657

Complementary

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



13.5688, 15.5767, 18.2110



12.8302, 12.1969, 12.0347

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.



15.7119, 15.5767, 14.2406



13.5688, 15.5767, 18.2110



16.1597, 15.5767, 17.7366

Square

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



13.5688, 15.5767, 18.2110



15.2357, 15.5767, 20.8720



16.1145, 15.5767, 15.7684



14.3829, 15.5767, 13.5708

Rectangle

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



13.5688, 15.5767, 18.2110



14.3193, 15.5767, 20.7943



16.1145, 15.5767, 15.7684



15.3020, 15.5767, 13.6293

Sweetspot

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



13.5693, 15.5773, 18.2114



26.5634, 28.7746, 32.1292



12.5433, 15.1711, 12.6235



6.1180, 6.6416, 7.4292



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



13.5693, 15.5773, 18.2114



23.0293, 26.9527, 31.9630



12.4872, 13.4131, 17.8512



3.4750, 3.8152, 4.3074



10.0789, 14.7491, 20.0340



50.2073, 73.4715, 99.7975

Inverse Universe

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



12.8302, 12.1969, 12.0347



21.4823, 19.8770, 19.0343



13.7810, 14.0987, 12.3513



3.3845, 3.4015, 3.5516



7.7250, 3.9824, 0.3618



38.4814, 19.8379, 1.8015

Previews

White Background



This preview shows how the XYZ color 13.5688, 15.5767, 18.2110 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 13.5688, 15.5767, 18.2110 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 13.5688, 15.5767, 18.2110

Background



This preview shows how black text looks on a background with the XYZ color 13.5688, 15.5767, 18.2110.



This preview shows how white text looks on a background with the XYZ color 13.5688, 15.5767,

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

13.5688, 15.5767, 18.2110

Protanopia

14.8934, 15.4645, 17.2389

Deuteranopia

15.7776, 15.4206, 18.6679



Tritanopia

14.1373, 15.6483, 20.6877

Trichromacy



Original Color

13.5688, 15.5767, 18.2110

Protanomaly

14.3180, 15.4818, 17.5629

Deuteranomaly

14.8698, 15.4263, 18.4135

Tritanomaly

13.8510, 15.5218, 19.7188

Monochromacy



Original Color

13.5688, 15.5767, 18.2110

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.9839, 15.1612, 16.9412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5688, 15.5767, 18.2110 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(93, 114, 114) looks like.

```
.text, #text, p{  
    color:rgb(93, 114, 114)  
}
```

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(93, 114, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 114, 114) }
```

Border

The CSS property to change the border of an element to XYZ 13.5688, 15.5767, 18.2110 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(93, 114, 114) }
```


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

```
.border{ border-color:rgb(93, 114, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 114, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 114, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 114, 114);  
box-shadow:4px 4px 4px 4px rgb(93, 114,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5688, 15.5767, 18.2110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 114, 114) }
```

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

```
.background{ background-color: rgb(93, 114,  
114) }
```

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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