

Converting Colors

XYZ(13.2918, 15.4659, 16.7527)

Have a look what the booklet for
XYZ(13.2918, 15.4659, 16.7527)
contains.

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Color

**XYZ(13.2918, 15.4659,
16.7527)**

Conversions

Conversions Part 1

Format	Color
Hex	5D726D
RGB	93, 114, 109
RGB Percent	36%, 45%, 43%
CMY	0.6353, 0.5529, 0.5725
CMYK	0.18, 0.00, 0.04, 0.55
HSL	166°, 10%, 41%
HSV	166°, 18%, 45%
XYZ	13.2918, 15.4659, 16.7527
YIQ	107.1510, -10.9110, -6.0070

Conversions

Conversions Part 2

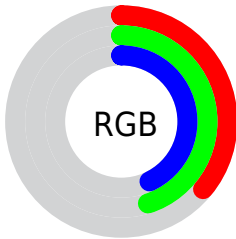
Format	Color
R _Y B	93, 105, 114
Decimal	6124141
CIE Lab	46.27, -8.86, 0.19
CIE LCh	46, 8.861, 178.802
Yxy	15.4659, 0.2921, 0.3398
Android (android.graphics.Color)	4284314221 (0xFF5D726D)
YUV	107.1510, 0.9116, -12.4104
Hunter-Lab	39.3267, -8.4916, 2.2719

Details

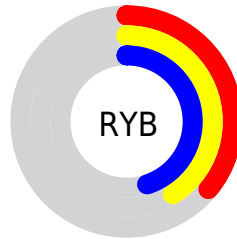
The XYZ color **13.2918, 15.4659, 16.7527** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.0589, 12.2883, 13.2394**, and the grayscale version is **14.0171, 14.7470, 16.0595**.

A 20% lighter version of the original color is **31.4830, 35.7398, 38.4968**, and **3.9900, 4.8486, 5.2830** is the 20% darker color. If you saturate the color by 10%, you get **12.0790, 14.8577, 15.9450**, and if you desaturate by 10%, it is **14.6820, 16.1658, 17.5929**.

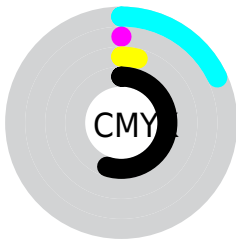
Distribution



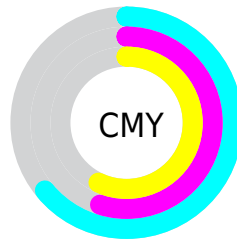
- Red (36%)
- Green (45%)
- Blue (43%)



- Red (36%)
- Yellow (41%)
- Blue (45%)



- Cyan (18%)
- Magenta (0%)
- Yellow (4%)
- Black (55%)



- Cyan (64%)
- Magenta (55%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2918, 15.4659, 16.7527 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 13.2918, 15.4659, 16.7527 by changing the saturation by 10% instead.

■ 13.2918, 15.4659,
16.7527

■ 13.2918, 15.4659,
16.7527

206.3794,
226.1691, 245.7387

■ 7.7082, 9.1470,
9.8982

■ 31.4239, 35.6685,
38.6849

■ 3.9590, 4.8372,
5.2268

■ 44.7031, 50.3209,
54.5997

■ 1.6790, 2.1521,
2.3199

■ 61.2782, 68.5200,
74.3717

■ 0.4431, 0.6937,
0.7423

■ 81.5145, 90.6502,
98.4195

■ 0.0000, 0.0000,
0.0000

105.7774,
117.0958, 127.1615

134.4323,

148.2412, 161.0164

167.8445,
184.4709, 200.4026

■ 13.2918, 15.4659,
16.7527

■ 13.2918, 15.4659,
16.7527

■ 12.0790, 14.8577,
15.9450

■ 14.6820, 16.1658,
17.5929

■ 11.0348, 14.3355,
15.1682

■ 16.2555, 16.9593,
18.4652

■ 10.1513, 13.8957,
14.4221

■ 18.0195, 17.8505,
19.3704

■ 9.4197, 13.5336,
13.7060

■ 19.9804, 18.8426,
20.3089

■ 8.8301, 13.2443,
13.0193

■ 22.1443, 19.9389,
21.2814

■ 8.3717, 13.0220,
12.3613

■ 24.5170, 21.1422,
22.2882

■ 8.0318, 12.8604,
11.7310

■ 27.1042, 22.4556,
23.3298

■ 7.7719, 12.7395,
11.1266

■ 29.9112, 23.8817,
24.4067

■ 7.7319, 12.7209,
11.0333

■ 32.9432, 25.4233,
25.5193

Harmonies

Analogous

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



13.4894, 15.4659, 14.7709



13.2918, 15.4659, 16.7527



13.4606, 15.4659, 18.9295

Triad

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



13.2918, 15.4659, 16.7527



15.4125, 15.4659, 20.7642



15.4670, 15.4659, 13.5190

Complementary

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



13.2918, 15.4659, 16.7527



13.0589, 12.2883, 13.2394

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.



16.0129, 15.4659, 14.9097



13.2918, 15.4659, 16.7527



15.9807, 15.4659, 19.0932

Square

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



13.2918, 15.4659, 16.7527



14.6695, 15.4659, 21.3619



16.2040, 15.4659, 16.9271



14.7303, 15.4659, 13.0056

Rectangle

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



13.2918, 15.4659, 16.7527



13.7616, 15.4659, 20.1760



16.2040, 15.4659, 16.9271



15.6798, 15.4659, 13.8932

Sweetspot

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



13.2922, 15.4665, 16.7530



26.3978, 28.7083, 31.2572



13.0576, 15.4362, 12.6474



6.0769, 6.6251, 7.2128



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.



13.2922, 15.4665, 16.7530



22.4369, 26.7158, 28.8435



12.9939, 14.4266, 18.0201



3.4427, 3.8023, 4.1373



8.6001, 14.1575, 12.2467



42.4930, 70.3858, 59.1746

Inverse Universe

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



13.0589, 12.2883, 13.2394



21.9489, 20.0636, 21.4911



13.3068, 13.1503, 12.1930



3.4141, 3.4133, 3.7072



7.9411, 4.0688, 1.4997



39.2683, 20.1526, 5.9451

Previews

White Background



This preview shows how the XYZ color 13.2918, 15.4659, 16.7527 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 13.2918, 15.4659, 16.7527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

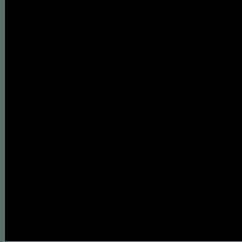
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.2918, 15.4659, 16.7527

Background



This preview shows how black text looks on a background with the XYZ color 13.2918, 15.4659, 16.7527.



This preview shows how white text looks on a background with the XYZ color 13.2918, 15.4659,

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

13.2918, 15.4659, 16.7527

Protanopia

14.7522, 15.4226, 15.8350

Deuteranopia

15.6310, 15.3777, 17.1833



Tritanopia

13.9647, 15.4017, 20.3260

Trichromacy



Original Color

13.2918, 15.4659, 16.7527

Protanomaly

14.1640, 15.4337, 16.1424

Deuteranomaly

14.7135, 15.3781, 16.9446

Tritanomaly

13.7321, 15.4743, 19.0927

Monochromacy



Original Color

13.2918, 15.4659, 16.7527

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.7622, 15.0594, 16.3688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2918, 15.4659, 16.7527 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, 109) looks like.

```
.text, #text, p{  
    color:rgb(93, 114, 109)  
}
```

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, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 114, 109) }
```

Border

The CSS property to change the border of an element to XYZ 13.2918, 15.4659, 16.7527 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, 109) }
```


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

```
.border{ border-color:rgb(93, 114, 109) }
```

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, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 114, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 114, 109);  
box-shadow:4px 4px 4px 4px rgb(93, 114,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2918, 15.4659, 16.7527 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, 109) }
```

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

```
.background{ background-color: rgb(93, 114,  
109) }
```

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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