

Converting Colors

XYZ(13.0726, 15.3193, 16.7326)

Have a look what the booklet for
XYZ(13.0726, 15.3193, 16.7326)
contains.

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Color

**XYZ(13.0920, 15.3629,
16.7433)**

Conversions

Conversions Part 1

Format	Color
Hex	5B726D
RGB	91, 114, 109
RGB Percent	36%, 45%, 43%
CMY	0.6431, 0.5529, 0.5725
CMYK	0.20, 0.00, 0.04, 0.55
HSL	167°, 11%, 40%
HSV	167°, 20%, 45%
XYZ	13.0920, 15.3629, 16.7433
YIQ	106.5530, -12.1030, -6.4310

Conversions

Conversions Part 2

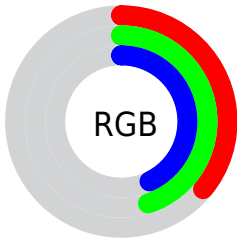
Format	Color
R _Y B	91, 104, 114
Decimal	5993069
CIE Lab	46.13, -9.57, -0.03
CIE LCh	46, 9.569, 180.201
Yxy	15.3629, 0.2897, 0.3399
Android (android.graphics.Color)	4284183149 (0xFF5B726D)
YUV	106.5530, 1.2064, -13.6400
Hunter-Lab	39.1955, -8.9700, 2.1097

Details

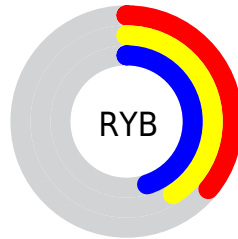
The XYZ color **13.0920, 15.3629, 16.7433** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.7924, 11.9045, 12.6905**, and the grayscale version is **13.8511, 14.5724, 15.8693**.

A 20% lighter version of the original color is **31.1367, 35.5613, 38.4806**, and **3.8999, 4.8021, 5.2788** is the 20% darker color. If you saturate the color by 10%, you get **11.9210, 14.7748, 16.0019**, and if you desaturate by 10%, it is **14.4384, 16.0418, 17.5132**.

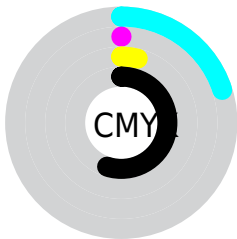
Distribution



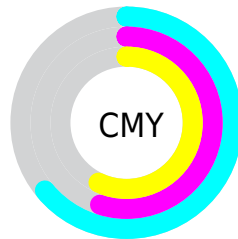
- Red (36%)
- Green (45%)
- Blue (43%)



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



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (55%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0920, 15.3629, 16.7433 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 13.0920, 15.3629, 16.7433 by changing the saturation by 10% instead.

■ 13.0920, 15.3629,
16.7433

■ 13.0920, 15.3629,
16.7433

205.1321,
225.5524, 245.6824

■ 7.5694, 9.0745,
9.8916

■ 31.0689, 35.4886,
38.6685

■ 3.8701, 4.7898,
5.2225

■ 44.2538, 50.0946,
54.5790

■ 1.6289, 2.1245,
2.3174

■ 60.7236, 68.2419,
74.3463

■ 0.4111, 0.6783,
0.7409

■ 80.8435, 90.3150,
98.3889

■ 0.0000, 0.0000,
0.0000

104.9790,
116.6982, 127.1252

133.4954,

147.7759, 160.9739

166.7580,
183.9325, 200.3534

■ 13.0920, 15.3629,
16.7433

■ 13.0920, 15.3629,
16.7433

■ 11.9210, 14.7748,
16.0019

■ 14.4384, 16.0418,
17.5132

■ 10.9164, 14.2717,
15.2875

■ 15.9661, 16.8133,
18.3111

■ 10.0703, 13.8499,
14.5998

■ 17.6824, 17.6815,
19.1377

■ 9.3737, 13.5047,
13.9383

■ 19.5938, 18.6499,
19.9937

■ 8.8166, 13.2310,
13.3023

■ 21.7063, 19.7215,
20.8793

■ 8.3879, 13.0231,
12.6912

■ 24.0258, 20.8994,
21.7950

■ 8.0747, 12.8743,
12.1041

■ 26.5580, 22.1865,
22.7412

■ 7.8297, 12.7600,
11.5483

■ 29.3083, 23.5855,
23.7184

■ 32.2819, 25.0993,
24.7269

Harmonies

Analogous

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



13.2854, 15.3629, 14.5973



13.0920, 15.3629, 16.7433



13.2905, 15.3629, 19.0854

Triad

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



13.0920, 15.3629, 16.7433



15.4036, 15.3629, 20.9087



15.3937, 15.3629, 13.1313

Complementary

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



13.0920, 15.3629, 16.7433



12.7924, 11.9045, 12.6905

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.



15.9970, 15.3629, 14.5724



13.0920, 15.3629, 16.7433



16.0028, 15.3629, 19.0557

Square

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



13.0920, 15.3629, 16.7433



14.6075, 15.3629, 21.6227



16.2238, 15.3629, 16.7119



14.5965, 15.3629, 12.6334

Rectangle

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



13.0920, 15.3629, 16.7433



13.6228, 15.3629, 20.4134



16.2238, 15.3629, 16.7119



15.6270, 15.3629, 13.5145

Sweetspot

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



13.0924, 15.3635, 16.7436



26.4120, 28.7141, 31.3323



12.7686, 15.2973, 12.1774



6.0804, 6.6265, 7.2314



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.



13.0924, 15.3635, 16.7436



22.0549, 26.5186, 28.8373



12.7006, 14.1366, 17.9796



3.4454, 3.8034, 4.1519



8.7093, 14.2012, 12.8221



43.0566, 70.6113, 62.1424

Inverse Universe

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



12.7924, 11.9045, 12.6905



21.4311, 19.3233, 20.4086



13.1153, 12.9072, 11.6978



3.4115, 3.4123, 3.6935



7.9121, 4.0572, 1.3470



39.1422, 20.1022, 5.2809

Previews

White Background



This preview shows how the XYZ color 13.0920, 15.3629, 16.7433 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 13.0920, 15.3629, 16.7433 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 13.0920, 15.3629, 16.7433

Background



This preview shows how black text looks on a background with the XYZ color 13.0920, 15.3629, 16.7433.



This preview shows how white text looks on a background with the XYZ color 13.0920, 15.3629,

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

13.0920, 15.3629, 16.7433

Protanopia

14.7522, 15.4226, 15.8350

Deuteranopia

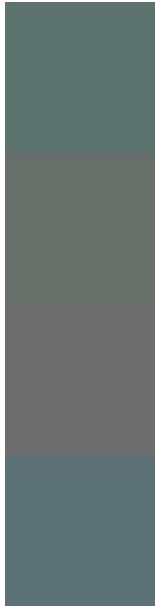
15.6310, 15.3777, 17.1833



Tritanopia

13.7596, 15.2960, 20.3164

Trichromacy



Original Color

13.0920, 15.3629, 16.7433

Protanomaly

14.0472, 15.3735, 16.1369

Deuteranomaly

14.5898, 15.3143, 16.9388

Tritanomaly

13.5296, 15.3699, 19.0832

Monochromacy



Original Color

13.0920, 15.3629, 16.7433

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.6495, 15.0013, 16.3635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0920, 15.3629, 16.7433 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(91, 114, 109) looks like.

```
.text, #text, p{  
    color:rgb(91, 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(91, 114, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 114, 109) }
```

Border

The CSS property to change the border of an element to XYZ 13.0920, 15.3629, 16.7433 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(91, 114, 109) }
```


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

```
.border{ border-color:rgb(91, 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(91, 114, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 114, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 114, 109); box-shadow:4px 4px 4px 4px rgb(91, 114, 109) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0920, 15.3629, 16.7433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 114, 109) }
```

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

```
.background{ background-color: rgb(91, 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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