

Converting Colors

XYZ(13.9183, 13.4411, 16.3996)

Have a look what the booklet for
XYZ(13.9183, 13.4411, 16.3996)
contains.

XYZ(13.9042, 13.4726, 16.3356)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(13.9042, 13.4726,
16.3356)**

Conversions

Conversions Part 1

Format	Color
Hex	70636D
RGB	112, 99, 109
RGB Percent	44%, 39%, 43%
CMY	0.5608, 0.6118, 0.5725
CMYK	0.00, 0.12, 0.03, 0.56
HSL	314°, 6%, 41%
HSV	314°, 12%, 44%
XYZ	13.9042, 13.4726, 16.3356
YIQ	104.0270, 4.5380, 5.8660

Conversions

Conversions Part 2

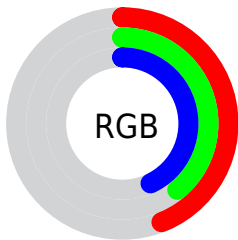
Format	Color
R_{YB}	112, 99, 109
Decimal	7365485
CIE Lab	43.47, 7.13, -3.74
CIE LCh	43, 8.055, 332.305
Yxy	13.4726, 0.3181, 0.3082
Android (android.graphics.Color)	4285555565 (0xFF70636D)
YUV	104.0270, 2.4517, 6.9923
Hunter-Lab	36.7050, 3.3836, -0.6935

Details

The XYZ color **13.9042, 13.4726, 16.3356** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.3385, 15.2005, 14.8021**, and the grayscale version is **13.1585, 13.8437, 15.0758**.

A 20% lighter version of the original color is **32.5614, 32.2433, 37.7651**, and **4.2118, 3.8938, 5.0870** is the 20% darker color. If you saturate the color by 10%, you get **12.7789, 11.4412, 15.2842**, and if you desaturate by 10%, it is **15.1816, 15.8012, 17.4582**.

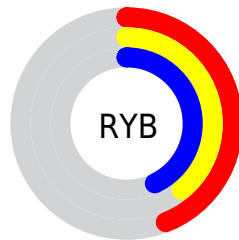
Distribution



Red (44%)

Green (39%)

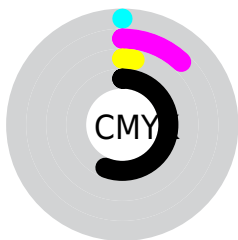
Blue (43%)



Red (44%)

Yellow (39%)

Blue (43%)

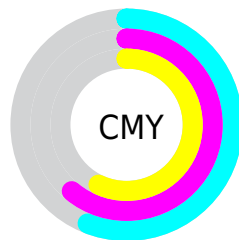


Cyan (0%)

Magenta (12%)

Yellow (3%)

Black (56%)



Cyan (56%)

Magenta (61%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9042, 13.4726, 16.3356 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 13.9042, 13.4726, 16.3356 by changing the saturation by 10% instead.

■ 13.9042, 13.4726,
16.3356

■ 13.9042, 13.4726,
16.3356

210.1566,
213.9247, 243.2269

■ 8.1353, 7.7548,
9.6050

■ 32.5066, 32.1503,
37.9547

■ 4.2342, 3.9384,
5.0357

■ 46.0709, 45.8789,
53.6803

■ 1.8355, 1.6392,
2.2091

■ 62.9643, 63.0466,
73.2414

■ 0.5389, 0.3838,
0.6796

■ 83.5523, 84.0377,
97.0564

■ 0.0000, 0.0000,
0.0000

108.2002,
109.2367, 125.5439

137.2733,

139.0279, 159.1225

171.1370,
173.7958, 198.2106

■ 13.9042, 13.4726,
16.3356

■ 13.9042, 13.4726,
16.3356

■ 12.7789, 11.4412,
15.2842

■ 15.1816, 15.8012,
17.4582

■ 11.7984, 9.6932,
14.3009

■ 16.6155, 18.4365,
18.6533

■ 10.9567, 8.2162,
13.3837

■ 18.2119, 21.3900,
19.9230

■ 10.2467, 6.9964,
12.5301

■ 19.9758, 24.6718,
21.2692

■ 9.6609, 6.0187,
11.7374

■ 21.9122, 28.2918,
22.6938

■ 9.1910, 5.2663,
11.0026

■ 24.0257, 32.2593,
24.1985

■ 8.8273, 4.7203,
10.3224

■ 26.3209, 36.5833,
25.7849

■ 8.5590, 4.3588,
9.6929

■ 28.8022, 41.2726,
27.4546

■ 8.3679, 4.1191,
9.1903

■ 31.4738, 46.3354,
29.2093

Harmonies

Analogous

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



13.4613, 13.4726, 17.7899



13.9042, 13.4726, 16.3356



14.0498, 13.4726, 14.5308

Triad

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



13.9042, 13.4726, 16.3356



12.7568, 13.4726, 11.4789



11.8118, 13.4726, 16.5957

Complementary

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



13.9042, 13.4726, 16.3356



13.3385, 15.2005, 14.8021

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.



11.6366, 13.4726, 14.8088



13.9042, 13.4726, 16.3356



12.1709, 13.4726, 11.9369

Square

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



13.9042, 13.4726, 16.3356



13.3746, 13.4726, 11.8162



11.7659, 13.4726, 13.1205



12.2524, 13.4726, 17.9484

Rectangle

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



13.9042, 13.4726, 16.3356



13.9550, 13.4726, 13.3960



11.7659, 13.4726, 13.1205



11.7206, 13.4726, 16.0210

Sweetspot

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



13.9046, 13.4732, 16.3359



26.3225, 27.1224, 30.3713



12.8458, 12.9084, 17.1438



6.2844, 6.4439, 7.2625



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.



13.9046, 13.4732, 16.3359



23.8546, 22.6319, 28.1756



13.5767, 13.3420, 14.6091



3.4831, 3.4409, 4.0706



9.6650, 4.7584, 10.5780



47.8046, 23.5672, 50.8968

Inverse Universe

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



13.9046, 13.4732, 16.3359



23.8546, 22.6319, 28.1756



13.6638, 15.3307, 16.5151



3.4831, 3.4409, 4.0706



9.6650, 4.7584, 10.5780



47.8046, 23.5672, 50.8968

Previews

White Background



This preview shows how the XYZ color 13.9042, 13.4726, 16.3356 looks on a white background.

Color Contrast Check

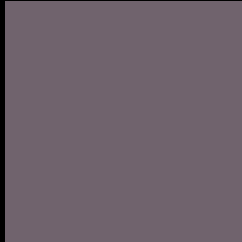
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.9042, 13.4726, 16.3356 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

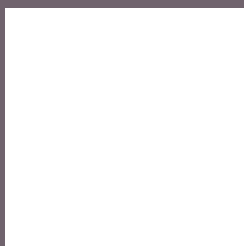
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9042, 13.4726, 16.3356

Background



This preview shows how black text looks on a background with the XYZ color 13.9042, 13.4726, 16.3356.



This preview shows how white text looks on a background with the XYZ color 13.9042, 13.4726,

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

13.9042, 13.4726, 16.3356

Protanopia

13.1001, 13.4752, 16.9495

Deuteranopia

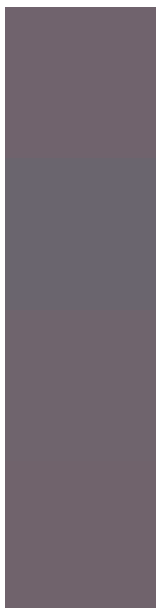
13.7479, 13.5335, 16.3556



Tritanopia

13.7978, 13.4300, 15.7749

Trichromacy



Original Color

13.9042, 13.4726, 16.3356

Protanomaly

13.4120, 13.4973, 16.6502

Deuteranomaly

13.8730, 13.5980, 16.3615

Tritanomaly

13.8507, 13.4511, 16.0537

Monochromacy



Original Color

13.9042, 13.4726, 16.3356

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.4163, 13.6691, 15.5670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9042, 13.4726, 16.3356 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(112, 99, 109) looks like.

```
.text, #text, p{  
    color:rgb(112, 99, 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(112, 99, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 99, 109) }
```

Border

The CSS property to change the border of an element to XYZ 13.9042, 13.4726, 16.3356 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(112, 99, 109) }
```


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

```
.border{ border-color:rgb(112, 99, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 99, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 99, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 99, 109);  
box-shadow:4px 4px 4px 4px rgb(112, 99,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9042, 13.4726, 16.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 99, 109) }
```

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

```
.background{ background-color: rgb(112, 99,  
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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