

Converting Colors

XYZ(11.7170, 11.6643, 16.3709)

Have a look what the booklet for
XYZ(11.7170, 11.6643, 16.3709)
contains.

XYZ(11.7469, 11.6726, 16.3858)	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(11.7469, 11.6726,
16.3858)**

Conversions

Conversions Part 1

Format	Color
Hex	615E6E
RGB	97, 94, 110
RGB Percent	38%, 37%, 43%
CMY	0.6196, 0.6314, 0.5686
CMYK	0.12, 0.15, 0.00, 0.57
HSL	251°, 8%, 40%
HSV	251°, 15%, 43%
XYZ	11.7469, 11.6726, 16.3858
YIQ	96.7210, -3.3480, 5.6120

Conversions

Conversions Part 2

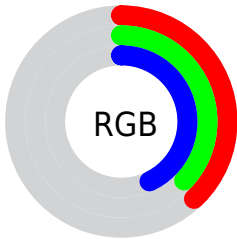
Format	Color
R_{YB}	97, 94, 110
Decimal	6381166
CIE Lab	40.69, 4.70, -8.64
CIE LCh	41, 9.834, 298.545
Yxy	11.6726, 0.2951, 0.2932
Android (android.graphics.Color)	4284571246 (0xFF615E6E)
YUV	96.7210, 6.5465, 0.2447
Hunter-Lab	34.1652, 1.5840, -4.5202

Details

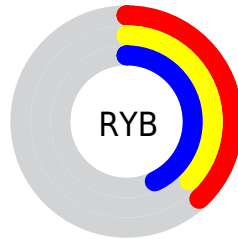
The XYZ color **11.7469, 11.6726, 16.3858** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.6603, 15.0862, 12.7823**, and the grayscale version is **11.2792, 11.8666, 12.9228**.

A 20% lighter version of the original color is **28.7076, 28.8511, 38.2382**, and **3.2917, 3.1655, 4.9949** is the 20% darker color. If you saturate the color by 10%, you get **9.9383, 9.3904, 16.0408**, and if you desaturate by 10%, it is **13.8030, 14.2900, 16.7828**.

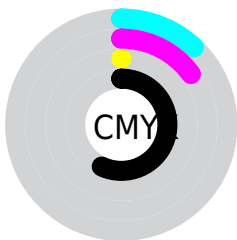
Distribution



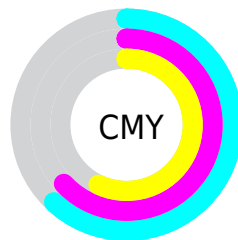
- Red (38%)
- Green (37%)
- Blue (43%)



- Red (38%)
- Yellow (37%)
- Blue (43%)



- Cyan (12%)
- Magenta (15%)
- Yellow (0%)
- Black (57%)



- Cyan (62%)
- Magenta (63%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7469, 11.6726, 16.3858 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 11.7469, 11.6726, 16.3858 by changing the saturation by 10% instead.

■ 11.7469, 11.6726,
16.3858

■ 11.7469, 11.6726,
16.3858

196.5268,
202.2256, 243.5305

■ 6.6425, 6.5212,
9.6403

■ 28.6542, 28.8974,
38.0428

■ 3.2839, 3.1645,
5.0586

■ 41.1878, 41.7395,
53.7913

■ 1.3056, 1.2182,
2.2224

■ 56.9285, 57.9140,
73.3778

■ 0.1874, 0.0765,
0.6872

■ 76.2418, 77.8053,
97.2210

■ 0.0000, 0.0000,
0.0000

99.4929, 101.7976,
125.7393

127.0472,

130.2756, 159.3513

159.2700,
163.6234, 198.4755

■ 11.7469, 11.6726,
16.3858

■ 11.7469, 11.6726,
16.3858

■ 9.9383, 9.3904,
16.0408

■ 13.8030, 14.2900,
16.7828

■ 8.3667, 7.4284,
15.7449

■ 16.1145, 17.2538,
17.2331

■ 7.0224, 5.7725,
15.4962

■ 18.6900, 20.5768,
17.7387

■ 5.8948, 4.4071,
15.2920

■ 21.5378, 24.2703,
18.3016

■ 4.9721, 3.3152,
15.1299

■ 24.6655, 28.3455,
18.9233

■ 4.2415, 2.4780,
15.0068

■ 28.0805, 32.8128,
19.6056

■ 3.6889, 1.8742,
14.9194

■ 31.7900, 37.6825,
20.3500

■ 3.2927, 1.4690,
14.8621

■ 35.8008, 42.9642,
21.1581

■ 3.1156, 1.2810,
14.8351

■ 40.1195, 48.6673,
22.0313

Harmonies

Analogous

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



11.0605, 11.6726, 16.9429



11.7469, 11.6726, 16.3858



12.2767, 11.6726, 14.8181

Triad

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



11.7469, 11.6726, 16.3858



11.8082, 11.6726, 9.7099



9.8086, 11.6726, 12.6123

Complementary

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



11.7469, 11.6726, 16.3858



13.6603, 15.0862, 12.7823

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.



9.9906, 11.6726, 10.8110



11.7469, 11.6726, 16.3858



11.1285, 11.6726, 9.2474

Square

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



11.7469, 11.6726, 16.3858



12.3132, 11.6726, 10.9631



10.4666, 11.6726, 9.6288



9.9589, 11.6726, 14.6321

Rectangle

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



11.7469, 11.6726, 16.3858



12.4597, 11.6726, 13.4866



10.4666, 11.6726, 9.6288



9.8328, 11.6726, 11.9628

Sweetspot

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



11.7473, 11.6731, 16.3861



24.4084, 25.3102, 29.5061



12.6956, 14.0352, 16.7920



5.6259, 5.8208, 6.8558



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.7473, 11.6731, 16.3861



19.6619, 19.2741, 28.5912



12.6355, 12.1310, 16.4276



3.2706, 3.3278, 4.2242



3.7221, 1.5282, 17.8204



17.9850, 7.3260, 88.7453

Inverse Universe

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



13.0875, 12.3825, 15.6111



22.4391, 20.7447, 26.9617



12.7496, 14.6168, 12.7396



3.4889, 3.4433, 4.1013



9.9010, 4.8528, 11.8204



49.0243, 24.0550, 57.3192

Previews

White Background



This preview shows how the XYZ color 11.7469, 11.6726, 16.3858 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 11.7469, 11.6726, 16.3858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

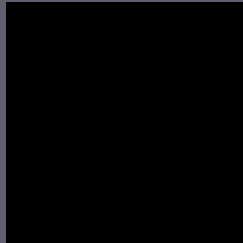
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.7469, 11.6726, 16.3858

Background



This preview shows how black text looks on a background with the XYZ color 11.7469, 11.6726, 16.3858.



This preview shows how white text looks on a background with the XYZ color 11.7469, 11.6726,

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

11.7469, 11.6726, 16.3858

Protanopia

11.4757, 11.6593, 16.6846

Deuteranopia

11.8542, 11.7279, 16.3908



Tritanopia

11.3643, 11.6505, 14.4818

Trichromacy



Original Color

11.7469, 11.6726, 16.3858

Protanomaly

11.5775, 11.7118, 16.6893

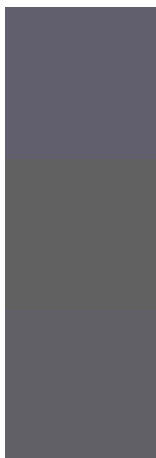
Deuteranomaly

11.8542, 11.7279, 16.3908

Tritanomaly

11.5176, 11.7118, 15.2892

Monochromacy



Original Color

11.7469, 11.6726, 16.3858

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.5109, 11.8664, 14.2541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7469, 11.6726, 16.3858 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(97, 94, 110) looks like.

```
.text, #text, p{  
    color:rgb(97, 94, 110)  
}
```

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(97, 94, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 94, 110) }
```

Border

The CSS property to change the border of an element to XYZ 11.7469, 11.6726, 16.3858 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(97, 94, 110) }
```


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

```
.border{ border-color:rgb(97, 94, 110) }
```

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

Here you see how a box with a 4 pixel rgb(97, 94, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 94, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 94, 110);  
box-shadow:4px 4px 4px 4px rgb(97, 94,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7469, 11.6726, 16.3858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 94, 110) }
```

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

```
.background{ background-color: rgb(97, 94,  
110) }
```

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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