

Converting Colors

XYZ(11.5516, 10.0597, 15.2704)

Have a look what the booklet for
XYZ(11.5516, 10.0597, 15.2704)
contains.

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Color

**XYZ(11.5401, 10.0106,
15.2339)**

Conversions

Conversions Part 1	
Format	Color
Hex	6A516B
RGB	106, 81, 107
RGB Percent	42%, 32%, 42%
CMY	0.5843, 0.6823, 0.5804
CMYK	0.01, 0.24, 0.00, 0.58
HSL	298°, 14%, 37%
HSV	298°, 24%, 42%
XYZ	11.5401, 10.0106, 15.2339
YIQ	91.4390, 6.5540, 13.3860

Conversions

Conversions Part 2

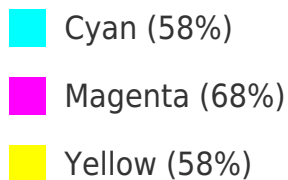
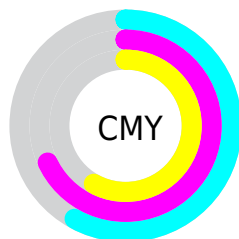
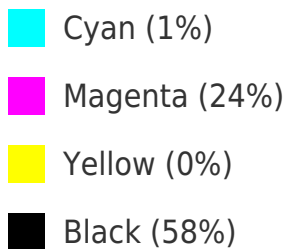
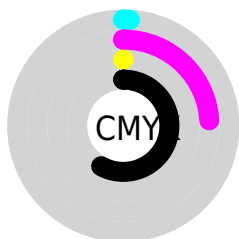
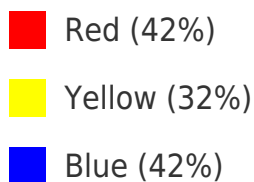
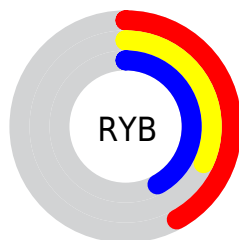
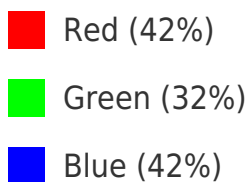
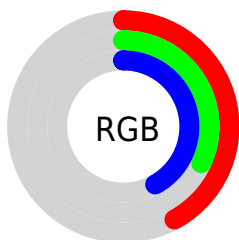
Format	Color
RYB	106, 81, 107
Decimal	6967659
CIELab	37.86, 15.43, -10.96
CIELCh	38, 18.924, 324.597
Yxy	10.0106, 0.3137, 0.2721
Android (android.graphics.Color)	4285157739 (0xFF6A516B)
YUV	91.4390, 7.6716, 12.7700
Hunter-Lab	31.6395, 9.7363, -6.3995

Details

The XYZ color **11.5401, 10.0106, 15.2339** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10.2230, 12.9036, 9.7370**, and the grayscale version is **10.0262, 10.5484, 11.4872**.

A 20% lighter version of the original color is **28.3884, 25.9703, 35.8643**, and **3.1914, 2.4875, 4.5869** is the 20% darker color. If you saturate the color by 10%, you get **10.7581, 8.5189, 14.9873**, and if you desaturate by 10%, it is **12.4483, 11.7540, 15.5227**.

Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 11.5401, 10.0106, 15.2339 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 11.5401, 10.0106, 15.2339 by changing the saturation by 10% instead.


 11.5401, 10.0106,
15.2339


 11.5401, 10.0106,
15.2339


195.1691,
190.7477, 236.4670


 6.5013, 5.4060,
8.8353


 28.2789, 25.8154,
36.0111


 3.1958, 2.4874,
4.5385


 40.7095, 37.7844,
51.2267


 1.2581, 0.8703,
1.9252

 56.3349, 52.9771,
70.2184

 0.1515, 0.0000,
0.5087

 75.5203, 71.7776,
93.4047

 0.0000, 0.0000,
0.0000

 98.6310, 94.5706,
121.2042

126.0325,

121.7403, 154.0354

158.0901,
153.6712, 192.3168

■ 11.5401, 10.0106,
15.2339

■ 11.5401, 10.0106,
15.2339

■ 10.7581, 8.5189,
14.9873

■ 12.4483, 11.7540,
15.5227

■ 10.0955, 7.2658,
14.7804

■ 13.4872, 13.7586,
15.8549

■ 9.5463, 6.2391,
14.6112

■ 14.6622, 16.0352,
16.2324


■ 9.1036, 5.4250,
14.4774


■ 15.9783, 18.5936,
16.6568


■ 8.7596, 4.8083,
14.3764


■ 17.4401, 21.4430,
17.1298


 8.5058, 4.3714,
14.3055


 19.0520, 24.5922,
17.6527

 8.3273, 4.0846,
14.2596

 20.8182, 28.0497,
18.2269

 8.2341, 3.9383,
14.2362

 22.7429, 31.8237,
18.8540

 24.8298, 35.9219,
19.5350

Harmonies

Analogous

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



10.5165, 10.0106, 18.1508



11.5401, 10.0106, 15.2339



12.0242, 10.0106, 11.5394

Triad

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



11.5401, 10.0106, 15.2339



9.7355, 10.0106, 5.5207



7.5521, 10.0106, 13.9154

Complementary

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



11.5401, 10.0106, 15.2339



10.2230, 12.9036, 9.7370

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.



7.3813, 10.0106, 10.2844



11.5401, 10.0106, 15.2339



8.5788, 10.0106, 5.8942

Square

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



11.5401, 10.0106, 15.2339



10.9274, 10.0106, 6.3206



7.7415, 10.0106, 7.4773



8.2295, 10.0106, 17.2835

Rectangle

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



11.5401, 10.0106, 15.2339



11.9487, 10.0106, 9.3052



7.7415, 10.0106, 7.4773



7.4361, 10.0106, 12.6669

Sweetspot

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



11.5404, 10.0110, 15.2341



23.5861, 23.5458, 28.2094



9.0876, 8.8914, 15.1473



5.6920, 5.6666, 6.8225



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.



11.5404, 10.0110, 15.2341



19.8638, 16.3962, 27.0256



11.0854, 9.8428, 12.2141



3.2066, 3.1583, 3.8755



10.0113, 4.7880, 17.3188



50.8382, 24.3077, 88.2386

Inverse Universe

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



10.5292, 9.6204, 9.2852



17.7301, 15.5731, 14.4199



10.6139, 13.0500, 12.2463



3.1040, 3.1185, 3.2782



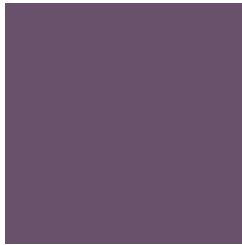
7.4012, 3.8126, 0.4754



37.6380, 19.3972, 2.0307

Previews

White Background



This preview shows how the XYZ color 11.5401, 10.0106, 15.2339 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 11.5401, 10.0106, 15.2339 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 11.5401, 10.0106, 15.2339

Background



This preview shows how black text looks on a background with the XYZ color 11.5401, 10.0106, 15.2339.



This preview shows how white text looks on a background with the XYZ color 11.5401, 10.0106,

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

11.5401, 10.0106, 15.2339

Protanopia

10.0705, 10.0341, 16.7352

Deuteranopia

10.2262, 10.0307, 15.0328



Tritanopia

10.7676, 10.0390, 11.2677

Trichromacy



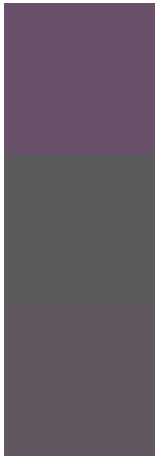
Original Color
11.5401, 10.0106, 15.2339

Protanomaly
10.4766, 9.8981, 16.1102

Deuteranomaly
10.6739, 10.0244, 15.0080

Tritanomaly
11.0766, 10.0528, 12.6659

Monochromacy



Original Color
11.5401, 10.0106, 15.2339

Achromatopsia
9.9438, 10.4616, 11.3927

Achromatomaly
10.3897, 10.1663, 12.7239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5401, 10.0106, 15.2339 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(106, 81, 107) looks like.

```
.text, #text, p{  
    color:rgb(106, 81, 107)  
}
```

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(106, 81, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 81, 107) }
```

Border

The CSS property to change the border of an element to XYZ 11.5401, 10.0106, 15.2339 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(106, 81, 107) }
```


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

```
.border{ border-color:rgb(106, 81, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 81, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 81, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 81, 107);  
box-shadow:4px 4px 4px 4px rgb(106, 81,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5401, 10.0106, 15.2339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 81, 107) }
```

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

```
.background{ background-color: rgb(106, 81,  
107) }
```

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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