

Converting Colors

XYZ(15.5288, 10.6515, 18.9370)

Have a look what the booklet for
XYZ(15.5288, 10.6515, 18.9370)
contains.

XYZ(15.6106, 10.7246, 19.0166)	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(15.6106, 10.7246,
19.0166)**

Conversions

Conversions Part 1

Format	Color
Hex	884478
RGB	136, 68, 120
RGB Percent	53%, 27%, 47%
CMY	0.4667, 0.7333, 0.5294
CMYK	0.00, 0.50, 0.12, 0.47
HSL	314°, 33%, 40%
HSV	314°, 50%, 53%
XYZ	15.6106, 10.7246, 19.0166
YIQ	94.2600, 23.8360, 30.5880

Conversions

Conversions Part 2

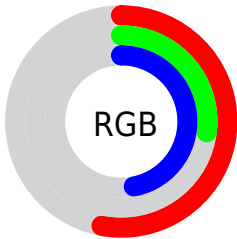
Format	Color
R_{YB}	136, 68, 120
Decimal	8930424
CIE _{Lab}	39.11, 36.26, -16.77
CIE _{LCh}	39, 39.955, 335.179
Yxy	10.7246, 0.3442, 0.2365
Android (android.graphics.Color)	4287120504 (0xFF884478)
YUV	94.2600, 12.6898, 36.6060
Hunter-Lab	32.7484, 27.7780, -11.5050

Details

The XYZ color **15.6106, 10.7246, 19.0166** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **12.7888, 19.4776, 11.4738**, and the grayscale version is **10.6682, 11.2238, 12.2227**.

A 20% lighter version of the original color is **35.5291, 27.2486, 42.4166**, and **5.0098, 2.7724, 6.2323** is the 20% darker color. If you saturate the color by 10%, you get **14.6906, 9.1900, 17.7677**, and if you desaturate by 10%, it is **16.7286, 12.6444, 20.3637**.

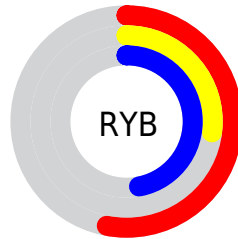
Distribution



Red (53%)

Green (27%)

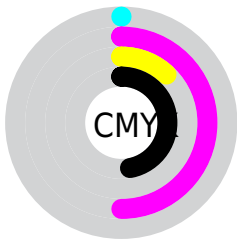
Blue (47%)



Red (53%)

Yellow (27%)

Blue (47%)

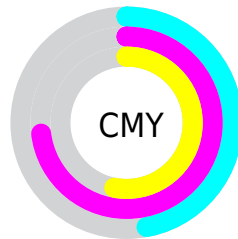


Cyan (0%)

Magenta (50%)

Yellow (12%)

Black (47%)



Cyan (47%)

Magenta (73%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6106, 10.7246, 19.0166 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 15.6106, 10.7246, 19.0166 by changing the saturation by 10% instead.

15.6106, 10.7246,
19.0166

15.6106, 10.7246,
19.0166

220.3487,
195.7683, 258.9662

9.3381, 5.8820,
11.5053

35.4838, 27.1498,
42.5992

5.0212, 2.7734,
6.2894

49.8152, 39.5011,
59.5077

2.2946, 1.0146,
2.9502

67.5637, 55.1241,
80.3856

0.7919, 0.0000,
1.0693

89.0945, 74.4032,
105.6515

0.0000, 0.0000,
0.0000

114.7730, 97.7228,
135.7240

144.9647,

125.4672, 171.0216

180.0348,
158.0209, 211.9628

■ 15.6106, 10.7246,
19.0166

■ 15.6106, 10.7246,
19.0166

■ 14.6906, 9.1900,
17.7677

■ 16.7286, 12.6444,
20.3637

■ 13.9541, 8.0124,
16.6116

■ 18.0558, 14.9723,
21.8128

■ 13.3863, 7.1620,
15.5432

■ 19.6037, 17.7308,
23.3681

■ 12.9695, 6.6035,
14.5562

■ 21.3826, 20.9408,
25.0333

■ 12.6521, 6.2338,
13.6331

■ 23.4022, 24.6214,
26.8120

■ 12.6520, 6.2337,
13.6328

■ 25.6716, 28.7909,
28.7074

■ 28.1996, 33.4664,
30.7229

■ 30.9943, 38.6643,
32.8613

■ 34.0635, 44.4002,
35.1256

Harmonies

Analogous

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



13.4531, 10.7246, 28.3293



15.6106, 10.7246, 19.0166



16.2218, 10.7246, 10.3975

Triad

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



15.6106, 10.7246, 19.0166



9.7362, 10.7246, 2.2929



6.5409, 10.7246, 22.3858

Complementary

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



15.6106, 10.7246, 19.0166



12.7888, 19.4776, 11.4738

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.



5.8811, 10.7246, 13.0580



15.6106, 10.7246, 19.0166



7.5080, 10.7246, 3.3012

Square

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



15.6106, 10.7246, 19.0166



12.5086, 10.7246, 2.7610



6.2015, 10.7246, 6.5209



8.1831, 10.7246, 30.7984

Rectangle

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



15.6106, 10.7246, 19.0166



15.5926, 10.7246, 6.4646



6.2015, 10.7246, 6.5209



6.2113, 10.7246, 19.1322

Sweetspot

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



15.6109, 10.7251, 19.0168



35.9602, 33.7884, 42.5278



10.1559, 7.7912, 24.2612



8.1970, 7.5890, 9.7253



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.6109, 10.7251, 19.0168



25.7020, 15.8902, 31.0371



13.9060, 10.0431, 10.0386



5.1844, 5.1092, 6.0594



11.9784, 5.9015, 12.9224



0.0852, 0.0415, 0.1155

Inverse Universe

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



15.6109, 10.7251, 19.0168



25.7020, 15.8902, 31.0371



14.4505, 20.1423, 20.2246



5.1844, 5.1092, 6.0594



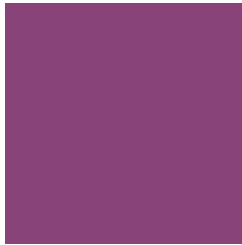
11.9784, 5.9015, 12.9224



0.0852, 0.0415, 0.1155

Previews

White Background



This preview shows how the XYZ color 15.6106, 10.7246, 19.0166 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 15.6106, 10.7246, 19.0166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

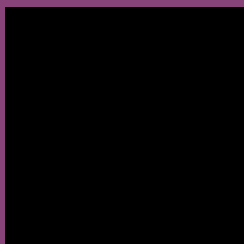
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.6106, 10.7246, 19.0166

Background



This preview shows how black text looks on a background with the XYZ color 15.6106, 10.7246, 19.0166.



This preview shows how white text looks on a background with the XYZ color 15.6106, 10.7246,

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

15.6106, 10.7246, 19.0166

Protanopia

11.3891, 10.8949, 25.5474

Deuteranopia

11.1099, 10.9168, 18.0446



Tritanopia

13.6232, 10.6836, 9.3268

Trichromacy



Original Color

15.6106, 10.7246, 19.0166

Protanomaly

12.2270, 10.4219, 22.8399

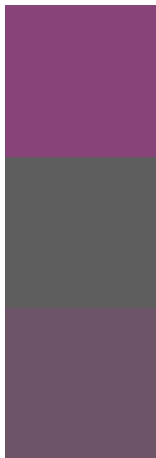
Deuteranomaly

12.3675, 10.5967, 18.2231

Tritanomaly

14.1667, 10.5962, 12.3649

Monochromacy



Original Color

15.6106, 10.7246, 19.0166

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

12.0034, 10.7275, 14.2699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6106, 10.7246, 19.0166 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(136, 68, 120)` looks like.

```
.text, #text, p{  
    color:rgb(136, 68, 120)  
}
```

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(136, 68, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 68, 120) }
```

Border

The CSS property to change the border of an element to XYZ 15.6106, 10.7246, 19.0166 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(136, 68, 120) }
```


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

```
.border{ border-color:rgb(136, 68, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 68, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 68, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 68, 120);  
box-shadow:4px 4px 4px 4px rgb(136, 68,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6106, 10.7246, 19.0166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 68, 120) }
```

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

```
.background{ background-color: rgb(136, 68,  
120) }
```

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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