

Converting Colors

XYZ(11.6696, 8.6847, 16.4489)

Have a look what the booklet for
XYZ(11.6696, 8.6847, 16.4489)
contains.

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Color

**XYZ(11.6139, 8.6289,
16.3827)**

Conversions

Conversions Part 1

Format	Color
Hex	704370
RGB	112, 67, 112
RGB Percent	44%, 26%, 44%
CMY	0.5608, 0.7372, 0.5608
CMYK	0.00, 0.40, 0.00, 0.56
HSL	300°, 25%, 35%
HSV	300°, 40%, 44%
XYZ	11.6139, 8.6289, 16.3827
YIQ	85.5850, 12.3750, 23.5350

Conversions

Conversions Part 2

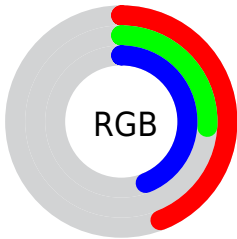
Format	Color
R_{YB}	112, 67, 112
Decimal	7357296
CIE Lab	35.26, 27.17, -18.00
CIE LCh	35, 32.586, 326.478
Yxy	8.6289, 0.3171, 0.2356
Android (android.graphics.Color)	4285547376 (0xFF704370)
YUV	85.5850, 13.0226, 23.1660
Hunter-Lab	29.3750, 19.1668, -12.5041

Details

The XYZ color **11.6139, 8.6289, 16.3827** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **9.1224, 13.1872, 7.3752**, and the grayscale version is **8.7294, 9.1840, 10.0013**.

A 20% lighter version of the original color is **28.4633, 23.1705, 38.0941**, and **3.2435, 1.9633, 5.0585** is the 20% darker color. If you saturate the color by 10%, you get **11.0115, 7.4239, 16.1820**, and if you desaturate by 10%, it is **12.3457, 10.0923, 16.6267**.

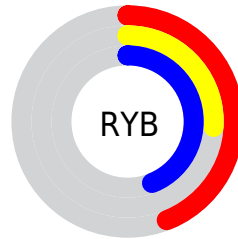
Distribution



Red (44%)

Green (26%)

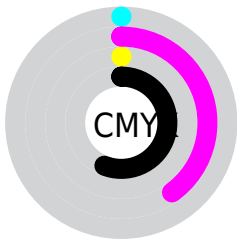
Blue (44%)



Red (44%)

Yellow (26%)

Blue (44%)

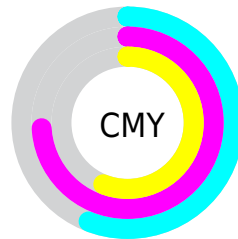


Cyan (0%)

Magenta (40%)

Yellow (0%)

Black (56%)



Cyan (56%)

Magenta (74%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6139, 8.6289, 16.3827 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 11.6139, 8.6289, 16.3827 by changing the saturation by 10% instead.

■ 11.6139, 8.6289,
16.3827

■ 11.6139, 8.6289,
16.3827

195.6547,
180.5849, 243.5118

■ 6.5517, 4.4999,
9.6381

■ 28.4129, 23.1824,
38.0373

■ 3.2272, 1.9570,
5.0572

■ 40.8804, 34.3758,
53.7844

■ 1.2750, 0.5823,
2.2215

■ 56.5471, 48.6927,
73.3694

■ 0.1644, 0.0000,
0.6868

■ 75.7782, 66.5176,
97.2108

■ 0.0000, 0.0000,
0.0000

■ 98.9392, 88.2349,
125.7272

126.3954,

114.2289, 159.3372

158.5121,
144.8841, 198.4592

■ 11.6139, 8.6289,
16.3827

■ 11.6139, 8.6289,
16.3827

■ 11.0115, 7.4239,
16.1820

■ 12.3457, 10.0923,
16.6267

■ 10.5302, 6.4612,
16.0215

■ 13.2129, 11.8266,
16.9158

■ 10.1619, 5.7248,
15.8987

■ 14.2221, 13.8451,
17.2523

■ 9.8976, 5.1962,
15.8106

■ 15.3793, 16.1596,
17.6381

■ 9.7265, 4.8541,
15.7535

■ 16.6902, 18.7813,
18.0750

■ 9.6068, 4.6147,
15.7136

■ 18.1601, 21.7211,
18.5650

■ 19.7940, 24.9889,
19.1097

■ 21.5969, 28.5946,
19.7107

■ 23.5733, 32.5474,
20.3695

Harmonies

Analogous

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



9.9281, 8.6289, 22.1056



11.6139, 8.6289, 16.3827



12.3827, 8.6289, 10.0484

Triad

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



11.6139, 8.6289, 16.3827



8.4265, 8.6289, 2.3716



5.3633, 8.6289, 14.8324

Complementary

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



11.6139, 8.6289, 16.3827



9.1224, 13.1872, 7.3752

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.



5.0866, 8.6289, 8.7713



11.6139, 8.6289, 16.3827



6.6877, 8.6289, 2.8254

Square

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



11.6139, 8.6289, 16.3827



10.3732, 8.6289, 3.1217



5.5330, 8.6289, 4.7454



6.3563, 8.6289, 20.9953

Rectangle

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



11.6139, 8.6289, 16.3827



12.1965, 8.6289, 6.7452



5.5330, 8.6289, 4.7454



5.1907, 8.6289, 12.6622

Sweetspot

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



11.6142, 8.6293, 16.3829



24.5839, 23.5211, 30.1740



7.2469, 6.3779, 16.1786



5.8653, 5.5691, 7.2355



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.



11.6142, 8.6293, 16.3829



19.4324, 13.2182, 28.4567



10.5138, 8.1891, 10.5886



3.5144, 3.4535, 4.2356



11.1059, 5.3348, 18.1656



55.3235, 26.5747, 90.4908

Inverse Universe

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



11.6142, 8.6293, 16.3829



19.4324, 13.2182, 28.4567



9.9335, 13.5117, 11.6465



3.5144, 3.4535, 4.2356



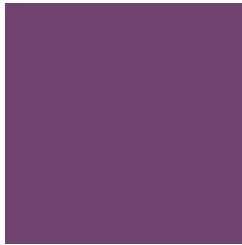
11.1059, 5.3348, 18.1656



55.3235, 26.5747, 90.4908

Previews

White Background



This preview shows how the XYZ color 11.6139, 8.6289, 16.3827 looks on a white background.

Color Contrast Check

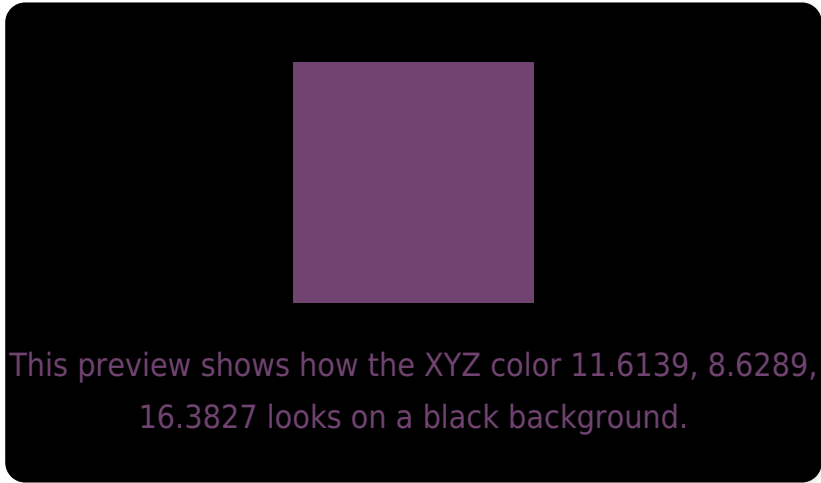
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

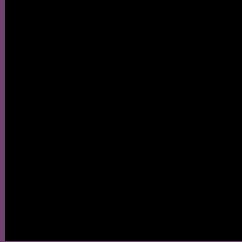
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6139, 8.6289, 16.3827

Background



This preview shows how black text looks on a background with the XYZ color 11.6139, 8.6289, 16.3827.



This preview shows how white text looks on a background with the XYZ color 11.6139, 8.6289,

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

11.6139, 8.6289, 16.3827

Protanopia

9.1096, 8.7550, 20.2785

Deuteranopia

8.8382, 8.7165, 15.6846



Tritanopia

10.0811, 8.6649, 8.7306

Trichromacy



Original Color

11.6139, 8.6289, 16.3827

Protanomaly

9.7904, 8.5951, 18.9123

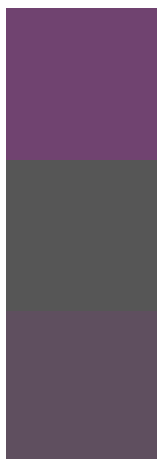
Deuteranomaly

9.6848, 8.6072, 15.9028

Tritanomaly

10.4917, 8.5304, 11.2188

Monochromacy



Original Color

11.6139, 8.6289, 16.3827

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

9.5809, 8.8511, 12.0299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6139, 8.6289, 16.3827 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, 67, 112)` looks like.

```
.text, #text, p{  
    color:rgb(112, 67, 112)  
}
```

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, 67, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 67, 112) }
```

Border

The CSS property to change the border of an element to XYZ 11.6139, 8.6289, 16.3827 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, 67, 112) }
```


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

```
.border{ border-color:rgb(112, 67, 112) }
```

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

Here you see how a box with a 4 pixel rgb(112, 67, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 67, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 67, 112);  
box-shadow:4px 4px 4px 4px rgb(112, 67,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6139, 8.6289, 16.3827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 67, 112) }
```

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

```
.background{ background-color: rgb(112, 67,  
112) }
```

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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