

Converting Colors

XYZ(11.1401, 6.3050, 16.2456)

Have a look what the booklet for
XYZ(11.1401, 6.3050, 16.2456)
contains.

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Color

**XYZ(11.1894, 6.3163,
16.2522)**

Conversions

Conversions Part 1

Format	Color
Hex	772371
RGB	119, 35, 113
RGB Percent	47%, 14%, 44%
CMY	0.5333, 0.8627, 0.5569
CMYK	0.00, 0.71, 0.05, 0.53
HSL	304°, 55%, 30%
HSV	304°, 71%, 47%
XYZ	11.1894, 6.3163, 16.2522
YIQ	69.0080, 25.0260, 42.0660

Conversions

Conversions Part 2

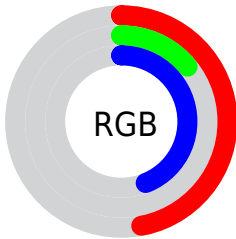
Format	Color
R_{YB}	119, 35, 113
Decimal	7807857
CIE _{Lab}	30.20, 45.93, -26.44
CIE _{LCh}	30, 52.996, 330.070
Yxy	6.3163, 0.3315, 0.1871
Android (android.graphics.Color)	4285997937 (0xFF772371)
YUV	69.0080, 21.6881, 43.8430
Hunter-Lab	25.1323, 35.4905, -20.7483

Details

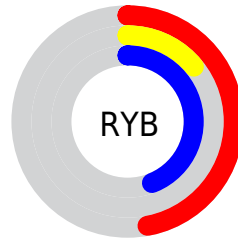
The XYZ color **11.1894, 6.3163, 16.2522** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **7.6905, 13.7113, 4.3395**, and the grayscale version is **5.6212, 5.9139, 6.4402**.

A 20% lighter version of the original color is **27.7368, 18.6947, 37.7439**, and **3.2689, 1.5749, 5.1327** is the 20% darker color. If you saturate the color by 10%, you get **10.8493, 5.7121, 15.9038**, and if you desaturate by 10%, it is **11.6493, 7.1589, 16.6428**.

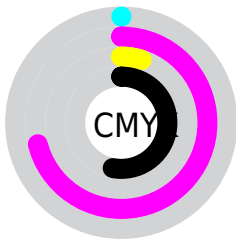
Distribution



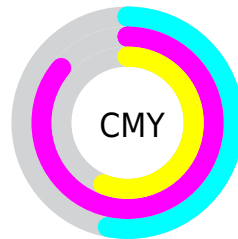
- Red (47%)
- Green (14%)
- Blue (44%)



- Red (47%)
- Yellow (14%)
- Blue (44%)



- Cyan (0%)
- Magenta (71%)
- Yellow (5%)
- Black (53%)





- Cyan (53%)
- Magenta (86%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.1894, 6.3163, 16.2522 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 11.1894, 6.3163, 16.2522 by changing the saturation by 10% instead.


 11.1894, 6.3163,
16.2522


 11.1894, 6.3163,
16.2522


192.8440,
161.8554, 242.7216

 6.2626, 3.0384,
9.5465


 27.6397, 18.5839,
37.8083


 3.0476, 1.1518,
4.9977

 39.8940, 28.3424,
53.4959


 1.1790, 0.0218,
2.1872

 55.3214, 41.0299,
73.0145

 0.0897, 0.0000,
0.6670

 74.2874, 57.0307,
96.7826

 0.0000, 0.0000,
0.0000

 97.1573, 76.7292,
125.2188

 124.2964,

100.5099, 158.7417

156.0702,
128.7572, 197.7698

■ 11.1894, 6.3163,
16.2522

■ 11.1894, 6.3163,
16.2522

■ 10.8493, 5.7121,
15.9038

■ 11.6493, 7.1589,
16.6428

■ 10.6156, 5.3204,
15.5931

■ 12.2391, 8.2608,
17.0788

■ 10.4496, 5.0587,
15.3206

■ 12.9686, 9.6416,
17.5637

■ 13.8467, 11.3186,
18.1003

■ 14.8812, 13.3078,
18.6913

■ 16.0797, 15.6242,
19.3392

■ 17.4491, 18.2816,
20.0463

■ 18.9959, 21.2932,
20.8148

■ 20.7263, 24.6713,
21.6467

Harmonies

Analogous

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



8.7398, 6.3163, 26.9115



11.1894, 6.3163, 16.2522



12.1857, 6.3163, 6.8606

Triad

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



11.1894, 6.3163, 16.2522



5.9976, 6.3163, 0.0000



2.7373, 6.3163, 16.3039

Complementary

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



11.1894, 6.3163, 16.2522



7.6905, 13.7113, 4.3395

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.



2.3726, 6.3163, 6.8942



11.1894, 6.3163, 16.2522



3.9077, 6.3163, 0.4335

Square

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



11.1894, 6.3163, 16.2522



8.7267, 6.3163, 0.4289



2.7338, 6.3163, 2.0502



3.9154, 6.3163, 26.9533

Rectangle

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



11.1894, 6.3163, 16.2522



11.7250, 6.3163, 3.1602



2.7338, 6.3163, 2.0502



2.5329, 6.3163, 12.7459

Sweetspot

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



11.1896, 6.3166, 16.2523



26.4597, 23.4675, 33.3660



4.8298, 2.9976, 17.7769



6.1696, 5.3669, 7.8507



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.1896, 6.3166, 16.2523



19.1329, 9.7278, 28.1063



9.3593, 5.5845, 6.6139



3.8159, 3.7536, 4.5573



11.1005, 5.3739, 16.2695



53.9609, 26.1345, 78.5806

Inverse Universe

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



11.1896, 6.3166, 16.2523



19.1329, 9.7278, 28.1063



8.8362, 14.1696, 10.3727



3.8159, 3.7536, 4.5573



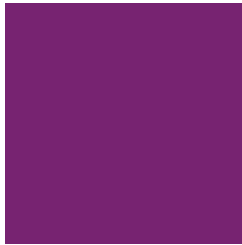
11.1005, 5.3739, 16.2695



53.9609, 26.1345, 78.5806

Previews

White Background



This preview shows how the XYZ color 11.1894, 6.3163, 16.2522 looks on a white background.

Color Contrast Check

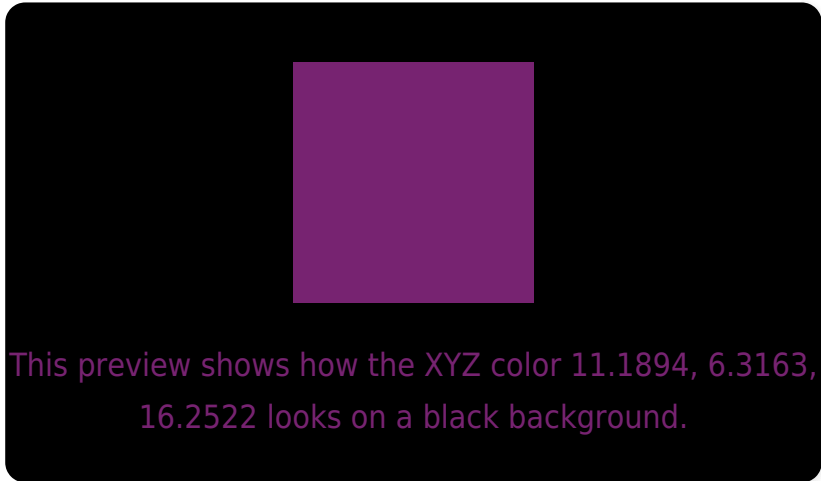
Large Text (above 18pt) WCAG AA ✓ Pass

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

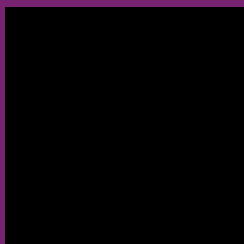
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.1894, 6.3163, 16.2522

Background



This preview shows how black text looks on a background with the XYZ color 11.1894, 6.3163, 16.2522.



This preview shows how white text looks on a background with the XYZ color 11.1894, 6.3163,

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

11.1894, 6.3163, 16.2522

Protanopia

7.6319, 6.5952, 27.6588

Deuteranopia

6.6585, 6.5661, 14.8264



Tritanopia

8.8217, 6.3523, 4.6321

Trichromacy



Original Color

11.1894, 6.3163, 16.2522

Protanomaly

7.3841, 5.4896, 22.8607

Deuteranomaly

7.6325, 5.9375, 15.2118

Tritanomaly

9.3868, 6.1346, 7.7105

Monochromacy



Original Color

11.1894, 6.3163, 16.2522

Achromatopsia

5.6565, 5.9511, 6.4808

Achromatomaly

7.0333, 5.6084, 9.3062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1894, 6.3163, 16.2522 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(119, 35, 113)` looks like.

```
.text, #text, p{  
    color:rgb(119, 35, 113)  
}
```

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(119, 35, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 35, 113) }
```

Border

The CSS property to change the border of an element to XYZ 11.1894, 6.3163, 16.2522 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(119, 35, 113) }
```


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

```
.border{ border-color:rgb(119, 35, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 35, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 35, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 35, 113);  
box-shadow:4px 4px 4px 4px rgb(119, 35,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1894, 6.3163, 16.2522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 35, 113) }
```

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

```
.background{ background-color: rgb(119, 35,  
113) }
```

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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