

Converting Colors

XYZ(11.1242, 6.2337, 15.8558)

Have a look what the booklet for
XYZ(11.1242, 6.2337, 15.8558)
contains.

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Color

**XYZ(11.1044, 6.2358,
15.9476)**

Conversions

Conversions Part 1

Format	Color
Hex	772270
RGB	119, 34, 112
RGB Percent	47%, 13%, 44%
CMY	0.5333, 0.8667, 0.5608
CMYK	0.00, 0.71, 0.06, 0.53
HSL	305°, 56%, 30%
HSV	305°, 71%, 47%
XYZ	11.1044, 6.2358, 15.9476
YIQ	68.3070, 25.6220, 42.2780

Conversions

Conversions Part 2

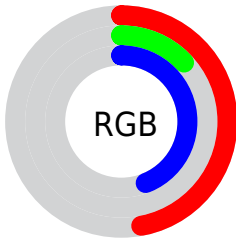
Format	Color
R_{YB}	119, 34, 112
Decimal	7807600
CIE _{Lab}	30.00, 46.16, -26.11
CIE _{LCh}	30, 53.031, 330.499
Yxy	6.2358, 0.3336, 0.1873
Android (android.graphics.Color)	4285997680 (0xFF772270)
YUV	68.3070, 21.5406, 44.4578
Hunter-Lab	24.9716, 35.6754, -20.3843

Details

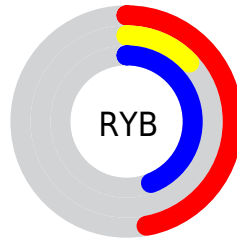
The XYZ color **11.1044, 6.2358, 15.9476** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **7.6570, 13.6941, 4.3378**, and the grayscale version is **5.5076, 5.7945, 6.3102**.

A 20% lighter version of the original color is **27.5646, 18.4954, 37.2391**, and **3.2402, 1.5635, 4.9815** is the 20% darker color. If you saturate the color by 10%, you get **10.7671, 5.6479, 15.5674**, and if you desaturate by 10%, it is **11.5606, 7.0603, 16.3705**.

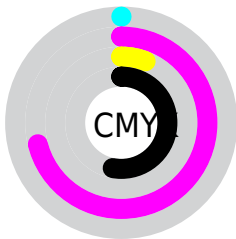
Distribution



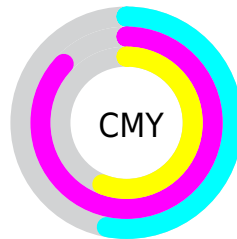
- Red (47%)
- Green (13%)
- Blue (44%)



- Red (47%)
- Yellow (13%)
- Blue (44%)



- Cyan (0%)
- Magenta (71%)
- Yellow (6%)
- Black (53%)



- Cyan (53%)
- Magenta (87%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1044, 6.2358, 15.9476 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 11.1044, 6.2358, 15.9476 by changing the saturation by 10% instead.

11.1044, 6.2358,
15.9476

11.1044, 6.2358,
15.9476

192.2759,
161.1537, 240.8675

6.2049, 2.9890,
9.3331

27.4843, 18.4184,
37.2727

3.0119, 1.1260,
4.8593

39.6954, 28.1230,
52.8205

1.1601, 0.0000,
2.1077

55.0745, 40.7490,
72.1831

0.0745, 0.0000,
0.6203

73.9868, 56.6808,
95.7790

0.0000, 0.0000,
0.0000

96.7977, 76.3028,
124.0269

123.8727, 99.9993,

157.3452

155.5770,
128.1548, 196.1526

■ 11.1044, 6.2358,
15.9476

■ 11.1044, 6.2358,
15.9476

■ 10.7671, 5.6479,
15.5674

■ 11.5606, 7.0603,
16.3705

■ 10.5353, 5.2701,
15.2253

■ 12.1460, 8.1423,
16.8393

■ 10.3789, 5.0304,
14.9484

■ 12.8706, 9.5017,
17.3574

■ 13.7431, 11.1561,
17.9278

■ 14.7716, 13.1214,
18.5532

■ 15.9636, 15.4128,
19.2361

■ 17.3260, 18.0441,
19.9787

■ 18.8655, 21.0285,
20.7834

■ 20.5883, 24.3785,
21.6522

Harmonies

Analogous

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



8.6831, 6.2358, 26.5852



11.1044, 6.2358, 15.9476



12.0678, 6.2358, 6.6718

Triad

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



11.1044, 6.2358, 15.9476



5.8856, 6.2358, 0.0000



2.7010, 6.2358, 16.3135

Complementary

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



11.1044, 6.2358, 15.9476



7.6570, 13.6941, 4.3378

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.



2.3299, 6.2358, 6.9091



11.1044, 6.2358, 15.9476



3.8261, 6.2358, 0.4216

Square

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



11.1044, 6.2358, 15.9476



8.5908, 6.2358, 0.3893



2.6766, 6.2358, 2.0487



3.8799, 6.2358, 26.8810

Rectangle

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



11.1044, 6.2358, 15.9476



11.5907, 6.2358, 3.0498



2.6766, 6.2358, 2.0487



2.4952, 6.2358, 12.7634

Sweetspot

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



11.1046, 6.2361, 15.9477



26.4302, 23.4557, 33.2106



4.7642, 2.9207, 17.7657



6.1619, 5.3638, 7.8102



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.



11.1046, 6.2361, 15.9477



18.9809, 9.6184, 27.4555



9.3120, 5.5191, 6.5081



3.8143, 3.7530, 4.5487



11.0252, 5.3438, 15.8729



53.5758, 25.9804, 76.5526

Inverse Universe

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



11.1046, 6.2361, 15.9477



18.9809, 9.6184, 27.4555



8.7861, 14.1457, 10.2836



3.8143, 3.7530, 4.5487



11.0252, 5.3438, 15.8729



53.5758, 25.9804, 76.5526

Previews

White Background



This preview shows how the XYZ color 11.1044, 6.2358, 15.9476 looks on a white background.

Color Contrast Check

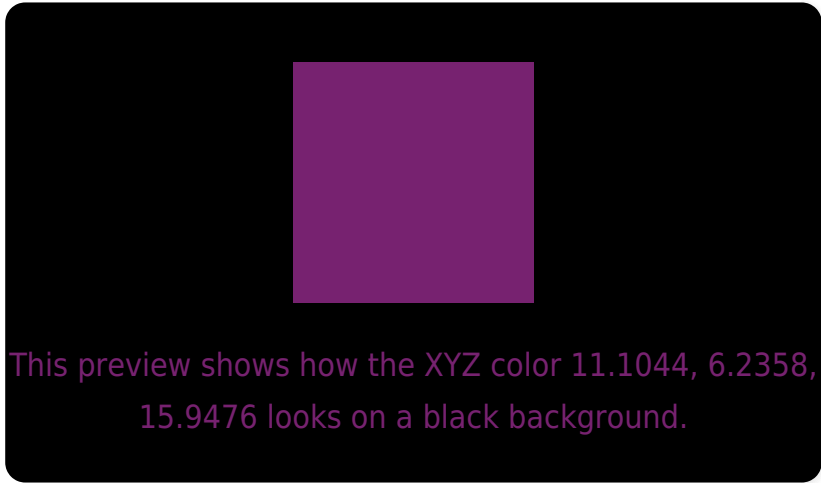
Large Text (above 18pt) WCAG AA ✓ Pass

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

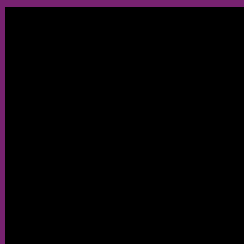
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.1044, 6.2358, 15.9476

Background



This preview shows how black text looks on a background with the XYZ color 11.1044, 6.2358, 15.9476.



This preview shows how white text looks on a background with the XYZ color 11.1044, 6.2358,

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

11.1044, 6.2358, 15.9476

Protanopia

7.4714, 6.4293, 27.2327

Deuteranopia

6.5421, 6.4169, 14.5295



Tritanopia

8.7970, 6.3424, 4.5019

Trichromacy



Original Color

11.1044, 6.2358, 15.9476

Protanomaly

7.2664, 5.3641, 22.4822

Deuteranomaly

7.5281, 5.8143, 14.9129

Tritanomaly

9.3517, 6.1206, 7.5260

Monochromacy



Original Color

11.1044, 6.2358, 15.9476

Achromatopsia

5.4944, 5.7805, 6.2950

Achromatomaly

6.9449, 5.4947, 9.0820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1044, 6.2358, 15.9476 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, 34, 112)` looks like.

```
.text, #text, p{  
    color:rgb(119, 34, 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(119, 34, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 34, 112) }
```

Border

The CSS property to change the border of an element to XYZ 11.1044, 6.2358, 15.9476 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, 34, 112) }
```


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

```
.border{ border-color:rgb(119, 34, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 34, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 34, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 34, 112); box-shadow:4px 4px 4px 4px rgb(119, 34, 112) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1044, 6.2358, 15.9476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 34, 112) }
```

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

```
.background{ background-color: rgb(119, 34,  
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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