

Converting Colors

XYZ(11.6035, 6.9152, 6.3200)

Have a look what the booklet for
XYZ(11.6035, 6.9152, 6.3200)
contains.

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Color

**XYZ(11.6312, 6.9490,
6.3585)**

Conversions

Conversions Part 1

Format	Color
Hex	862745
RGB	134, 39, 69
RGB Percent	53%, 15%, 27%
CMY	0.4745, 0.8470, 0.7294
CMYK	0.00, 0.71, 0.49, 0.47
HSL	341°, 55%, 34%
HSV	341°, 71%, 53%
XYZ	11.6312, 6.9490, 6.3585
YIQ	70.8250, 46.9900, 29.4700

Conversions

Conversions Part 2

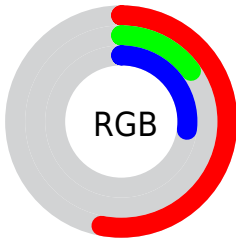
Format	Color
RYB	134, 39, 69
Decimal	8791877
CIELab	31.69, 42.67, 4.63
CIElCh	32, 42.924, 6.194
Yxy	6.9490, 0.4664, 0.2786
Android (android.graphics.Color)	4286981957 (0xFF862745)
YUV	70.8250, -0.8997, 55.4045
Hunter-Lab	26.3610, 32.6276, 4.1514

Details

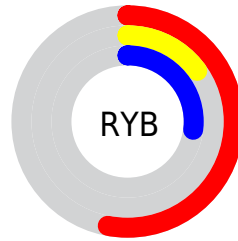
The XYZ color **11.6312, 6.9490, 6.3585** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **11.8609, 18.4812, 16.0401**, and the grayscale version is **5.9559, 6.2660, 6.8237**.

A 20% lighter version of the original color is **28.4378, 19.8429, 19.1608**, and **3.4109, 1.7368, 1.1328** is the 20% darker color. If you saturate the color by 10%, you get **11.0034, 6.1142, 4.8519**, and if you desaturate by 10%, it is **12.4589, 8.1131, 8.1489**.

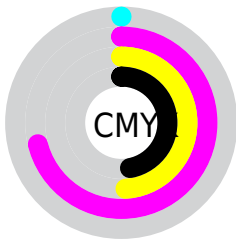
Distribution



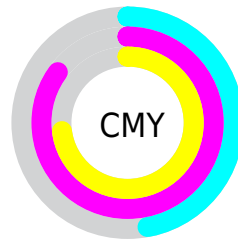
- Red (53%)
- Green (15%)
- Blue (27%)



- Red (53%)
- Yellow (15%)
- Blue (27%)



- Cyan (0%)
- Magenta (71%)
- Yellow (49%)
- Black (47%)



- Cyan (47%)
- Magenta (85%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6312, 6.9490, 6.3585 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 11.6312, 6.9490, 6.3585 by changing the saturation by 10% instead.

 11.6312, 6.9490,
6.3585

 11.6312, 6.9490,
6.3585


195.7684,
167.2392, 171.6450


 6.5635, 3.4302,
2.9920


 28.4443, 19.8705,
19.1609


 3.2345, 1.3603,
1.0905

 40.9205, 30.0421,
29.4339


 1.2790, 0.1872,
0.0000

 56.5968, 43.2000,
42.8462

 0.1674, 0.0000,
0.0000

 75.8386, 59.7287,
59.8162

 0.0000, 0.0000,
0.0000

 99.0113, 80.0126,
80.7626

 126.4803,

104.4361, 106.1038

158.6109,
133.3835, 136.2584

■ 11.6312, 6.9490,
6.3585

■ 11.6312, 6.9490,
6.3585

■ 11.0034, 6.1142,
4.8519

■ 12.4589, 8.1131,
8.1489

■ 10.5556, 5.5723,
3.6123

■ 13.5025, 9.6357,
10.2376

■ 10.2550, 5.2377,
2.6903

■ 14.7771, 11.5438,
12.6385

■ 16.2960, 13.8618,
15.3642

■ 18.0717, 16.6117,
18.4267

■ 20.1156, 19.8142,
21.8376

■ 22.4386, 23.4886,
25.6076

■ 25.0510, 27.6530,
29.7469

■ 27.9622, 32.3246,
34.2656

Harmonies

Analogous

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



11.1596, 6.9490, 13.4280



11.6312, 6.9490, 6.3585



10.5382, 6.9490, 2.5043

Triad

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



11.6312, 6.9490, 6.3585



4.4504, 6.9490, 1.4664



5.0715, 6.9490, 24.4100

Complementary

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



11.6312, 6.9490, 6.3585



11.8609, 18.4812, 16.0401

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.



3.7968, 6.9490, 16.9424



11.6312, 6.9490, 6.3585



3.4965, 6.9490, 3.7203

Square

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



11.6312, 6.9490, 6.3585



6.1684, 6.9490, 0.8365



3.2863, 6.9490, 8.9181



7.0613, 6.9490, 26.5182

Rectangle

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



11.6312, 6.9490, 6.3585



9.1847, 6.9490, 1.3736



3.2863, 6.9490, 8.9181



4.5598, 6.9490, 22.3008

Sweetspot

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



11.6314, 6.9494, 6.3586



31.6495, 28.9707, 32.1420



10.7282, 6.1108, 23.1683



6.9597, 6.2615, 6.9503



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.6314, 6.9494, 6.3586



18.8795, 10.1442, 7.1882



11.6325, 8.0842, 2.8672



4.7287, 4.7112, 5.1836



9.6150, 4.9103, 2.5447



0.0363, 0.0182, 0.0247

Inverse Universe

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



11.6314, 6.9494, 6.3586



18.8795, 10.1442, 7.1882



11.4529, 14.7786, 24.8031



4.7287, 4.7112, 5.1836



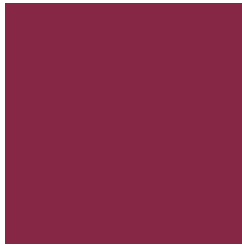
9.6150, 4.9103, 2.5447



0.0363, 0.0182, 0.0247

Previews

White Background



This preview shows how the XYZ color 11.6312, 6.9490, 6.3585 looks on a white background.

Color Contrast Check

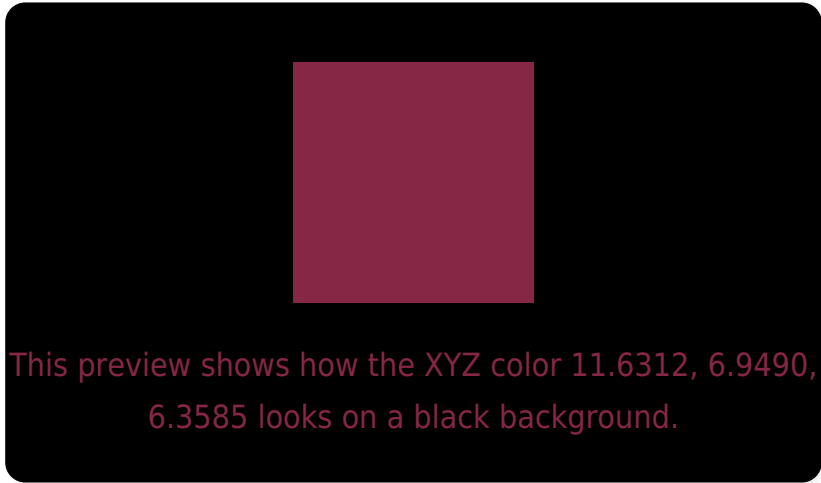
Large Text (above 18pt) WCAG AA ✓ Pass

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

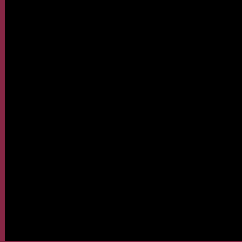
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6312, 6.9490, 6.3585

Background



This preview shows how black text looks on a background with the XYZ color 11.6312, 6.9490, 6.3585.



This preview shows how white text looks on a background with the XYZ color 11.6312, 6.9490,

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

11.6312, 6.9490, 6.3585

Protanopia

7.0669, 7.1699, 10.4627

Deuteranopia

7.2384, 7.1615, 5.8513



Tritanopia

11.0667, 6.9852, 3.3498

Trichromacy



Original Color

11.6312, 6.9490, 6.3585

Protanomaly

7.9649, 6.4873, 8.8150

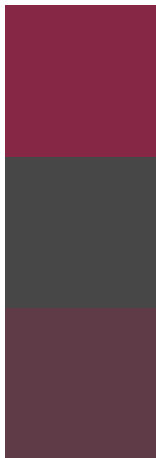
Deuteranomaly

8.3610, 6.6739, 6.0018

Tritanomaly

11.1667, 6.9088, 4.2350

Monochromacy



Original Color

11.6312, 6.9490, 6.3585

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

7.2855, 5.9498, 6.5588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6312, 6.9490, 6.3585 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(134, 39, 69)` looks like.

```
.text, #text, p{  
    color:rgb(134, 39, 69)  
}
```

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(134, 39, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 39, 69) }
```

Border

The CSS property to change the border of an element to XYZ 11.6312, 6.9490, 6.3585 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(134, 39, 69) }
```


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

```
.border{ border-color:rgb(134, 39, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 39, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 39, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 39, 69);  
box-shadow:4px 4px 4px 4px rgb(134, 39,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6312, 6.9490, 6.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 39, 69) }
```

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

```
.background{ background-color: rgb(134, 39,  
69) }
```

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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