

Converting Colors

XYZ(11.6225, 6.0501, 13.5927)

Have a look what the booklet for
XYZ(11.6225, 6.0501, 13.5927)
contains.

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Color

**XYZ(11.6337, 6.0544,
13.6522)**

Conversions

Conversions Part 1

Format	Color
Hex	801368
RGB	128, 19, 104
RGB Percent	50%, 7%, 41%
CMY	0.4980, 0.9255, 0.5922
CMYK	0.00, 0.85, 0.19, 0.50
HSL	313°, 74%, 29%
HSV	313°, 85%, 50%
XYZ	11.6337, 6.0544, 13.6522
YIQ	61.2810, 37.6790, 49.5430

Conversions

Conversions Part 2

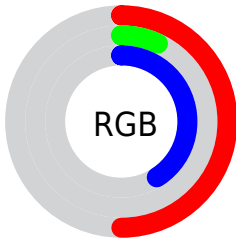
Format	Color
RYB	128, 19, 104
Decimal	8393576
CIELab	29.55, 51.92, -21.57
CIELCh	30, 56.223, 337.441
Yxy	6.0544, 0.3712, 0.1932
Android (android.graphics.Color)	4286583656 (0xFF801368)
YUV	61.2810, 21.0605, 58.5126
Hunter-Lab	24.6057, 41.3358, -15.6724

Details

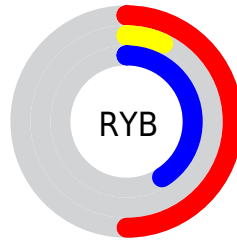
The XYZ color **11.6337, 6.0544, 13.6522** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **8.4241, 15.7515, 4.8825**, and the grayscale version is **4.4432, 4.6746, 5.0906**.

A 20% lighter version of the original color is **28.4079, 18.0057, 32.9885**, and **3.5626, 1.7513, 4.0212** is the 20% darker color. If you saturate the color by 10%, you get **11.3275, 5.6671, 12.8555**, and if you desaturate by 10%, it is **12.0579, 6.6696, 14.5119**.

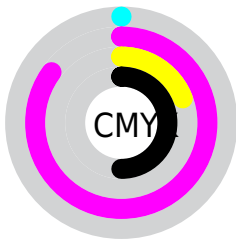
Distribution



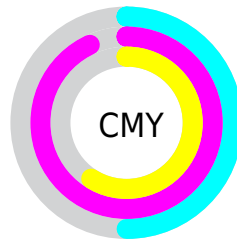
- Red (50%)
- Green (7%)
- Blue (41%)



- Red (50%)
- Yellow (7%)
- Blue (41%)



- Cyan (0%)
- Magenta (85%)
- Yellow (19%)
- Black (50%)





- Cyan (50%)
- Magenta (93%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.6337, 6.0544, 13.6522 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 11.6337, 6.0544, 13.6522 by changing the saturation by 10% instead.


 11.6337, 6.0544,
13.6522


 11.6337, 6.0544,
13.6522


195.7848,
159.5577, 226.4090


 6.5652, 2.8782,
7.7432


 28.4489, 18.0439,
33.1788


 3.2356, 1.0685,
3.8457

 40.9262, 27.6260,
47.6335


 1.2795, 0.0000,
1.5411

 56.6039, 40.1121,
65.7738

 0.1678, 0.0000,
0.2482

 75.8473, 55.8867,
88.0183

 0.0000, 0.0000,
0.0000

 99.0217, 75.3342,
114.7856

 126.4926, 98.8389,

146.4941

158.6251,
126.7853, 183.5623

11.6337, 6.0544,
13.6522

11.6337, 6.0544,
13.6522

11.3275, 5.6671,
12.8555

12.0579, 6.6696,
14.5119

11.1935, 5.5058,
12.4825

12.6204, 7.5541,
15.4415

13.3356, 8.7359,
16.4461

14.2157, 10.2396,
17.5298

15.2716, 12.0871,
18.6967

■ 16.5133, 14.2981,
19.9503

■ 17.9501, 16.8913,
21.2938

■ 19.5906, 19.8838,
22.7303

■ 21.4429, 23.2916,
24.2627

Harmonies

Analogous

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



9.3136, 6.0544, 25.4342



11.6337, 6.0544, 13.6522



12.1803, 6.0544, 4.9234

Triad

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



11.6337, 6.0544, 13.6522



5.1377, 6.0544, 0.0000



2.6542, 6.0544, 19.4894

Complementary

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



11.6337, 6.0544, 13.6522



8.4241, 15.7515, 4.8825

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.



2.1127, 6.0544, 8.6010



11.6337, 6.0544, 13.6522



3.2419, 6.0544, 0.4410

Square

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



11.6337, 6.0544, 13.6522



7.8671, 6.0544, 0.0000



2.2900, 6.0544, 2.5158



4.0587, 6.0544, 30.2165

Rectangle

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



11.6337, 6.0544, 13.6522



11.3515, 6.0544, 1.9834



2.2900, 6.0544, 2.5158



2.3877, 6.0544, 15.5062

Sweetspot

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



11.6339, 6.0547, 13.6523



28.7366, 24.5696, 34.7961



5.1098, 2.5300, 20.6414



6.5756, 5.4802, 7.9954



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.6339, 6.0547, 13.6523



19.6527, 9.6717, 21.6878



9.7085, 5.2846, 3.5133



4.4589, 4.3967, 5.2210



11.0995, 5.4595, 12.3799



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.6339, 6.0547, 13.6523



19.6527, 9.6717, 21.6878



10.1512, 16.4424, 13.9771



4.4589, 4.3967, 5.2210



11.0995, 5.4595, 12.3799



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.6337, 6.0544, 13.6522 looks on a white background.

Color Contrast Check

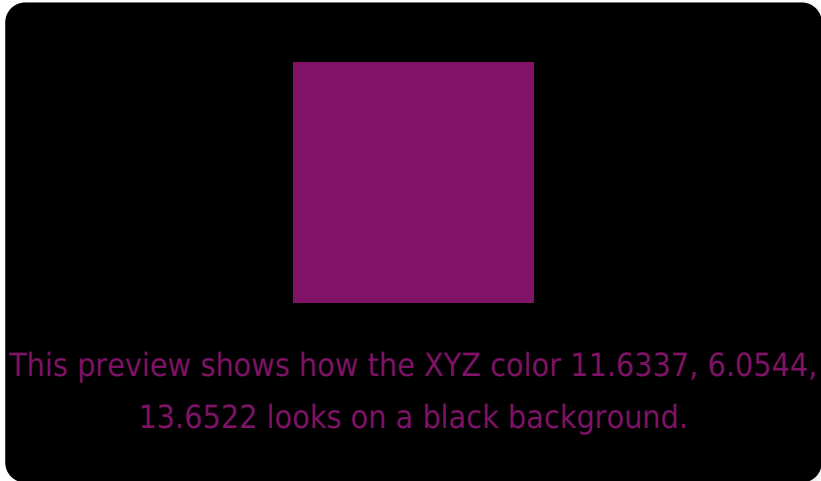
Large Text (above 18pt) WCAG AA ✓ Pass

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

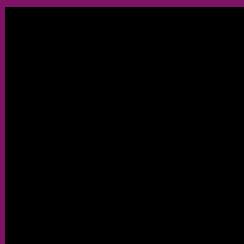
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6337, 6.0544, 13.6522

Background



This preview shows how black text looks on a background with the XYZ color 11.6337, 6.0544, 13.6522.



This preview shows how white text looks on a background with the XYZ color 11.6337, 6.0544,

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

11.6337, 6.0544, 13.6522

Protanopia

7.3953, 6.3988, 26.8319

Deuteranopia

6.5722, 6.4783, 12.4593



Tritanopia

9.5622, 6.2096, 3.2794

Trichromacy



Original Color

11.6337, 6.0544, 13.6522

Protanomaly

7.0098, 4.9133, 21.3478

Deuteranomaly

7.4587, 5.4023, 12.7062

Tritanomaly

10.0716, 5.9673, 5.9312

Monochromacy



Original Color

11.6337, 6.0544, 13.6522

Achromatopsia

4.4355, 4.6665, 5.0818

Achromatomaly

6.0629, 4.4211, 7.5550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6337, 6.0544, 13.6522 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(128, 19, 104)` looks like.

```
.text, #text, p{  
    color:rgb(128, 19, 104)  
}
```

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(128, 19, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 19, 104) }
```

Border

The CSS property to change the border of an element to XYZ 11.6337, 6.0544, 13.6522 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(128, 19, 104) }
```


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

```
.border{ border-color:rgb(128, 19, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 19, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 19, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 19, 104);  
box-shadow:4px 4px 4px 4px rgb(128, 19,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6337, 6.0544, 13.6522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 19, 104) }
```

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

```
.background{ background-color: rgb(128, 19,  
104) }
```

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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