

Converting Colors

XYZ(11.4627, 3.5057, 5.5771)

Have a look what the booklet for
XYZ(11.4627, 3.5057, 5.5771)
contains.

XYZ(13.0760, 6.6204, 6.0575)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(13.0760, 6.6204,
6.0575)**

Conversions

Conversions Part 1

Format	Color
Hex	930044
RGB	147, 0, 68
RGB Percent	58%, 0%, 27%
CMY	0.4235, 0.9999, 0.7333
CMYK	0.00, 1.00, 0.54, 0.42
HSL	332°, 100%, 29%
HSV	332°, 100%, 58%
XYZ	13.0760, 6.6204, 6.0575
YIQ	51.7050, 65.7840, 52.3120

Conversions

Conversions Part 2

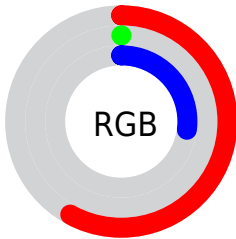
Format	Color
R_{YB}	147, 0, 68
Decimal	9633860
CIE _{Lab}	30.93, 55.85, 4.56
CIE _{LCh}	31, 56.032, 4.666
Yxy	6.6204, 0.5077, 0.2571
Android (android.graphics.Color)	4287823940 (0xFF930044)
YUV	51.7050, 8.0334, 83.5737
Hunter-Lab	25.7301, 45.6856, 4.0528

Details

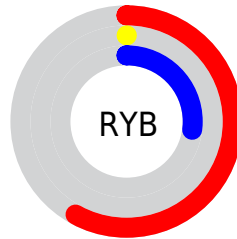
The XYZ color **13.0760, 6.6204, 6.0575** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **11.8459, 21.4323, 10.9133**, and the grayscale version is **3.2157, 3.3832, 3.6843**.

A 20% lighter version of the original color is **30.9885, 19.1479, 18.5856**, and **4.3063, 2.1984, 1.1747** is the 20% darker color. If you saturate the color by 10%, you get **13.0756, 6.6202, 6.0558**, and if you desaturate by 10%, it is **13.5005, 7.0572, 7.4701**.

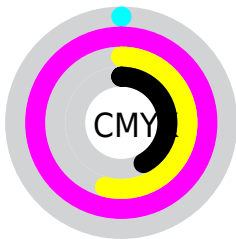
Distribution



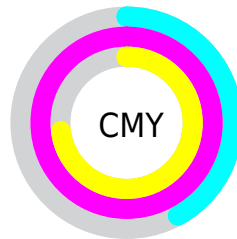
- Red (58%)
- Green (0%)
- Blue (27%)



- Red (58%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (54%)
- Black (42%)




- Cyan (42%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.0760, 6.6204, 6.0575 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 13.0760, 6.6204, 6.0575 by changing the saturation by 10% instead.


 13.0760, 6.6204,
6.0575


 13.0760, 6.6204,
6.0575


205.0319,
164.4712, 168.9071


 7.5583, 3.2259,
2.8107

 31.0404, 19.2054,
18.5299


 3.8630, 1.2508,
0.9988

 44.2178, 29.1646,
28.5925


 1.6249, 0.1026,
0.0000

 60.6791, 42.0809,
41.7642

 0.4086, 0.0000,
0.0000

 80.7897, 58.3385,
58.4635

 0.0000, 0.0000,
0.0000

 104.9149, 78.3220,
79.1088

 133.4201,

102.4157, 104.1189

166.6707,
131.0039, 133.9121

13.0760, 6.6204,
6.0575

13.0760, 6.6204,
6.0575

13.0756, 6.6202,
6.0558

13.5005, 7.0572,
7.4701

14.0748, 7.7394,
9.0990

14.8565, 8.7808,
10.9691

15.8684, 10.2249,
13.0936

17.1299, 12.1089,
15.4841

■ 18.6583, 14.4657,
18.1512

■ 20.4692, 17.3253,
21.1051

■ 22.5771, 20.7148,
24.3552

■ 24.9954, 24.6596,
27.9103

Harmonies

Analogous

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



12.3011, 6.6204, 15.7034



13.0760, 6.6204, 6.0575



11.6479, 6.6204, 1.6049

Triad

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



13.0760, 6.6204, 6.0575



3.7621, 6.6204, 0.5059



4.3096, 6.6204, 30.9854

Complementary

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



13.0760, 6.6204, 6.0575



11.8459, 21.4323, 10.9133

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.



2.8970, 6.6204, 19.5232



13.0760, 6.6204, 6.0575



2.6507, 6.6204, 2.5116

Square

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



13.0760, 6.6204, 6.0575



5.8766, 6.6204, 0.0000



2.3871, 6.6204, 8.4968



6.7276, 6.6204, 34.8092

Rectangle

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



13.0760, 6.6204, 6.0575



9.8272, 6.6204, 0.5321



2.3871, 6.6204, 8.4968



3.7268, 6.6204, 27.6289

Sweetspot

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



13.0762, 6.6208, 6.0576



36.4379, 30.6770, 37.4476



8.4422, 3.7440, 27.8814



8.0232, 6.5351, 8.0746



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



13.0762, 6.6208, 6.0576



23.3292, 11.8210, 10.3839



12.0861, 6.3098, 0.5815



5.9057, 5.8573, 6.6096



11.3482, 5.7443, 5.3148



0.1535, 0.0762, 0.1421

Inverse Universe

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



13.0762, 6.6208, 6.0576



23.3292, 11.8210, 10.3839



14.9546, 21.4826, 30.9620



5.9057, 5.8573, 6.6096



11.3482, 5.7443, 5.3148



0.1535, 0.0762, 0.1421

Previews

White Background



This preview shows how the XYZ color 13.0760, 6.6204, 6.0575 looks on a white background.

Color Contrast Check

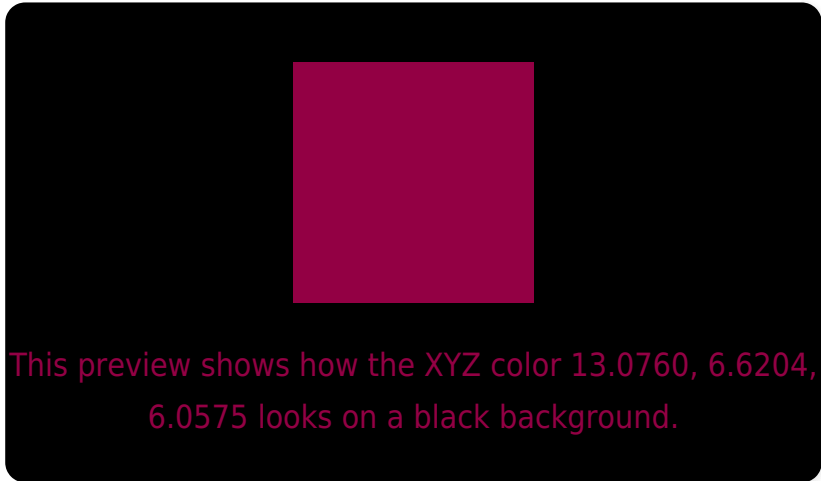
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.0760, 6.6204, 6.0575

Background



This preview shows how black text looks on a background with the XYZ color 13.0760, 6.6204, 6.0575.



This preview shows how white text looks on a background with the XYZ color 13.0760, 6.6204,

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

13.0760, 6.6204, 6.0575

Protanopia

7.2940, 7.2351, 12.8165

Deuteranopia

7.2765, 7.1876, 5.5613



Tritanopia

12.2668, 6.8827, 1.7189

Trichromacy



Original Color

13.0760, 6.6204, 6.0575

Protanomaly

7.8554, 5.4152, 9.8637

Deuteranomaly

8.2091, 5.5754, 5.4940

Tritanomaly

12.4724, 6.6791, 2.8223

Monochromacy



Original Color

13.0760, 6.6204, 6.0575

Achromatopsia

3.2640, 3.4340, 3.7396

Achromatomaly

5.2381, 3.4194, 4.3869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0760, 6.6204, 6.0575 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(147, 0, 68)` looks like.

```
.text, #text, p{  
    color:rgb(147, 0, 68)  
}
```

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(147, 0, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 0, 68) }
```

Border

The CSS property to change the border of an element to XYZ 13.0760, 6.6204, 6.0575 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(147, 0, 68) }
```


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

```
.border{ border-color:rgb(147, 0, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 0, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 0, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 0, 68);  
box-shadow:4px 4px 4px 4px rgb(147, 0, 68)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.0760, 6.6204, 6.0575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 0, 68) }
```

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

```
.background{ background-color: rgb(147, 0,  
68) }
```

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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