

Converting Colors

XYZ(11.6504, 5.9291, 4.0204)

Have a look what the booklet for
XYZ(11.6504, 5.9291, 4.0204)
contains.

XYZ(11.6504, 5.9291, 4.0204)	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(11.6504, 5.9291,
4.0204)**

Conversions

Conversions Part 1

Format	Color
Hex	8D0036
RGB	141, 0, 54
RGB Percent	55%, 0%, 21%
CMY	0.4471, 0.9999, 0.7882
CMYK	0.00, 1.00, 0.62, 0.45
HSL	337°, 100%, 28%
HSV	337°, 100%, 55%
XYZ	11.6504, 5.9291, 4.0204
YIQ	48.3150, 66.7020, 46.6860

Conversions

Conversions Part 2

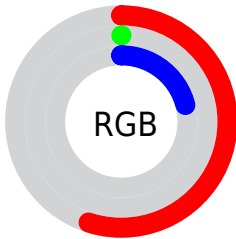
Format	Color
R_{YB}	141, 0, 54
Decimal	9240630
CIE _{Lab}	29.23, 53.40, 11.39
CIE _{LCh}	29, 54.604, 12.039
Yxy	5.9291, 0.5394, 0.2745
Android (android.graphics.Color)	4287430710 (0xFF8D0036)
YUV	48.3150, 2.8027, 81.2847
Hunter-Lab	24.3497, 42.7932, 7.2554

Details

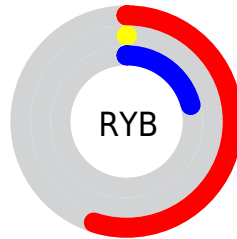
The XYZ color **11.6504, 5.9291, 4.0204** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **11.2462, 19.7383, 12.2380**, and the grayscale version is **2.8368, 2.9845, 3.2501**.

A 20% lighter version of the original color is **28.3729, 17.7059, 13.9788**, and **3.7109, 1.9067, 0.4596** is the 20% darker color. If you saturate the color by 10%, you get **11.6501, 5.9289, 4.0190**, and if you desaturate by 10%, it is **12.0320, 6.3355, 5.2477**.

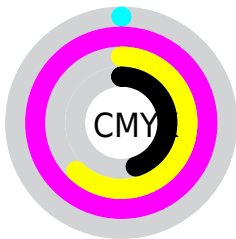
Distribution



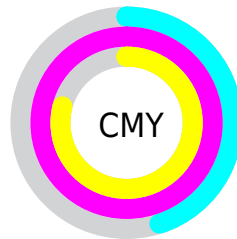
- Red (55%)
- Green (0%)
- Blue (21%)



- Red (55%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (45%)




- Cyan (45%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6504, 5.9291, 4.0204 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 11.6504, 5.9291, 4.0204 by changing the saturation by 10% instead.


 11.6504, 5.9291,
4.0204


 11.6504, 5.9291,
4.0204


195.8945,
158.4430, 148.4518


 6.5766, 2.8020,
1.6365


 28.4792, 17.7838,
14.0568


 3.2427, 1.0293,
0.3167

 40.9649, 27.2803,
22.5464


 1.2834, 0.0000,
0.0000

 56.6519, 39.6687,
33.9083

 0.1707, 0.0000,
0.0000

 75.9056, 55.3333,
48.5611

 0.0000, 0.0000,
0.0000

 99.0913, 74.6587,
66.9233

 126.5745, 98.0292,

89.4135

158.7204,
125.8291, 116.4502

11.6504, 5.9291,
4.0204

11.6504, 5.9291,
4.0204

11.6501, 5.9289,
4.0190

12.0320, 6.3355,
5.2477

12.5552, 6.9638,
6.7116

13.2756, 7.9221,
8.4389

14.2140, 9.2498,
10.4445

15.3886, 10.9808,
12.7418

■ 16.8154, 13.1448,
15.3431

■ 18.5090, 15.7689,
18.2601

■ 20.4829, 18.8780,
21.5038

■ 22.7495, 22.4950,
25.0843

Harmonies

Analogous

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



11.4461, 5.9291, 11.6053



11.6504, 5.9291, 4.0204



9.9342, 5.9291, 0.9674

Triad

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



11.6504, 5.9291, 4.0204



3.0223, 5.9291, 0.6884



4.2978, 5.9291, 29.8544

Complementary

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



11.6504, 5.9291, 4.0204



11.2462, 19.7383, 12.2380

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.



2.7996, 5.9291, 20.4590



11.6504, 5.9291, 4.0204



2.2247, 5.9291, 3.1120

Square

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



11.6504, 5.9291, 4.0204



4.7044, 5.9291, 0.0000



2.1573, 5.9291, 9.7172



6.6818, 5.9291, 30.8723

Rectangle

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



11.6504, 5.9291, 4.0204



8.1598, 5.9291, 0.1518



2.1573, 5.9291, 9.7172



3.6941, 5.9291, 27.3673

Sweetspot

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



11.6505, 5.9295, 4.0205



32.9323, 27.9048, 32.3402



8.7344, 3.9477, 25.5009



7.0953, 5.8277, 6.7807



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



11.6505, 5.9295, 4.0205



20.7864, 10.5870, 6.7920



11.1769, 6.0473, 0.5787



5.4890, 5.4561, 6.0731



10.6300, 5.4090, 3.7030



0.1118, 0.0558, 0.0890

Inverse Universe

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



11.6505, 5.9295, 4.0205



20.7864, 10.5870, 6.7920



12.0850, 16.4773, 27.7427



5.4890, 5.4561, 6.0731



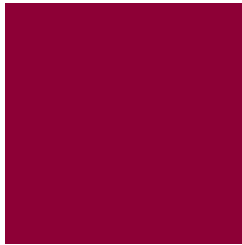
10.6300, 5.4090, 3.7030



0.1118, 0.0558, 0.0890

Previews

White Background



This preview shows how the XYZ color 11.6504, 5.9291, 4.0204 looks on a white background.

Color Contrast Check

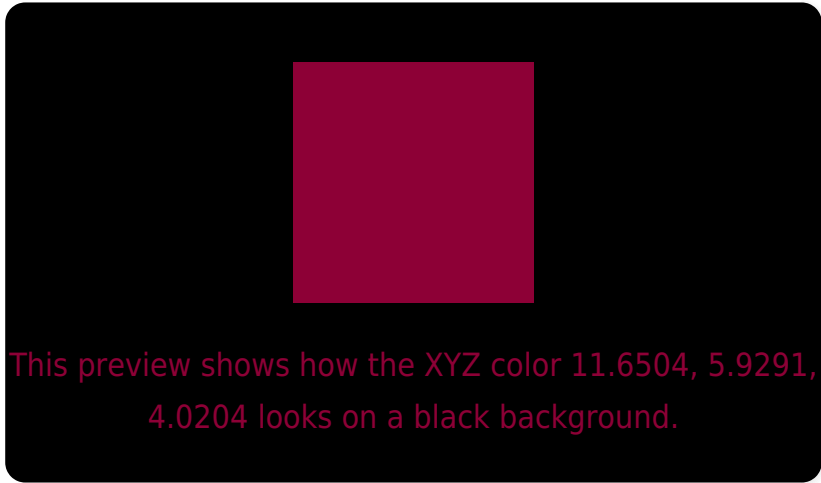
Large Text (above 18pt) WCAG AA ✓ Pass

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

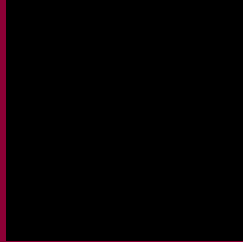
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6504, 5.9291, 4.0204

Background



This preview shows how black text looks on a background with the XYZ color 11.6504, 5.9291, 4.0204.



This preview shows how white text looks on a background with the XYZ color 11.6504, 5.9291,

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

11.6504, 5.9291, 4.0204

Protanopia

6.4011, 6.5770, 8.3292

Deuteranopia

6.5921, 6.4959, 3.7027



Tritanopia

11.2284, 6.1998, 1.2667

Trichromacy



Original Color

11.6504, 5.9291, 4.0204

Protanomaly

7.0123, 4.9376, 6.3778

Deuteranomaly

7.5398, 5.1575, 3.6157

Tritanomaly

11.2330, 5.9938, 1.9314

Monochromacy



Original Color

11.6504, 5.9291, 4.0204

Achromatopsia

2.8094, 2.9557, 3.2187

Achromatomaly

4.5454, 3.0041, 3.3579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6504, 5.9291, 4.0204 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(141, 0, 54)` looks like.

```
.text, #text, p{  
    color:rgb(141, 0, 54)  
}
```

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(141, 0, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 0, 54) }
```

Border

The CSS property to change the border of an element to XYZ 11.6504, 5.9291, 4.0204 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(141, 0, 54) }
```


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

```
.border{ border-color:rgb(141, 0, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 0, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 0, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 0, 54);  
box-shadow:4px 4px 4px 4px rgb(141, 0, 54)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.6504, 5.9291, 4.0204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 0, 54) }
```

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

```
.background{ background-color: rgb(141, 0,  
54) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor