

Converting Colors

XYZ(11.5661, 5.2196, 4.4986)

Have a look what the booklet for
XYZ(11.5661, 5.2196, 4.4986)
contains.

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Color

**XYZ(11.9447, 6.0665,
4.6791)**

Conversions

Conversions Part 1

Format	Color
Hex	8E003B
RGB	142, 0, 59
RGB Percent	56%, 0%, 23%
CMY	0.4431, 0.9999, 0.7686
CMYK	0.00, 1.00, 0.58, 0.44
HSL	335°, 100%, 28%
HSV	335°, 100%, 56%
XYZ	11.9447, 6.0665, 4.6791
YIQ	49.1840, 65.6930, 48.4530

Conversions

Conversions Part 2

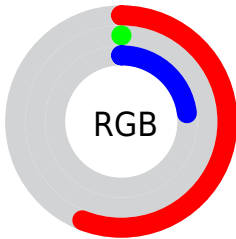
Format	Color
R_{YB}	142, 0, 59
Decimal	9306171
CIE Lab	29.58, 53.98, 8.53
CIE LCh	30, 54.653, 8.981
Yxy	6.0665, 0.5264, 0.2674
Android (android.graphics.Color)	4287496251 (0xFF8E003B)
YUV	49.1840, 4.8393, 81.3996
Hunter-Lab	24.6303, 43.4624, 5.9777

Details

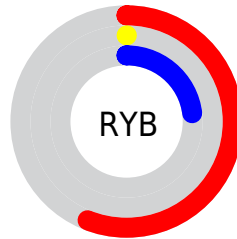
The XYZ color **11.9447, 6.0665, 4.6791** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **11.2351, 19.9707, 11.4494**, and the grayscale version is **2.9304, 3.0830, 3.3574**.

A 20% lighter version of the original color is **29.0063, 18.0928, 15.5991**, and **3.8475, 1.9718, 0.7081** is the 20% darker color. If you saturate the color by 10%, you get **11.9444, 6.0664, 4.6778**, and if you desaturate by 10%, it is **12.3374, 6.4795, 5.9581**.

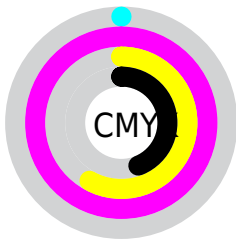
Distribution



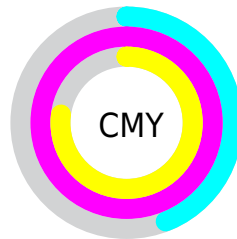
- Red (56%)
- Green (0%)
- Blue (23%)



- Red (56%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (44%)



- Cyan (44%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9447, 6.0665, 4.6791 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 11.9447, 6.0665, 4.6791 by changing the saturation by 10% instead.

■ 11.9447, 6.0665,
4.6791

■ 11.9447, 6.0665,
4.6791

197.8162,
159.6648, 155.4984

■ 6.7780, 2.8856,
2.0048

■ 29.0121, 18.0689,
15.5479

■ 3.3687, 1.0723,
0.5582

■ 41.6434, 27.6592,
24.5796

■ 1.3516, 0.0000,
0.0000

■ 57.4937, 40.1548,
36.5674

■ 0.2214, 0.0000,
0.0000

■ 76.9282, 55.9399,
51.9300

■ 0.0000, 0.0000,
0.0000

■ 100.3124, 75.3991,
71.0858

■ 128.0116, 98.9168,

94.4535

160.3911,
126.8772, 122.4515

11.9447, 6.0665,
4.6791

11.9447, 6.0665,
4.6791

11.9444, 6.0664,
4.6778

12.3374, 6.4795,
5.9581

12.8712, 7.1174,
7.4606

13.6017, 8.0893,
9.2121

14.5500, 9.4351,
11.2263

15.7343, 11.1892,
13.5155

■ 17.1707, 13.3818,
16.0912

■ 18.8738, 16.0404,
18.9638

■ 20.8571, 19.1901,
22.1435

■ 23.1332, 22.8543,
25.6398

Harmonies

Analogous

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



11.5253, 6.0665, 12.8839



11.9447, 6.0665, 4.6791



10.3739, 6.0665, 1.1757

Triad

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



11.9447, 6.0665, 4.6791



3.2378, 6.0665, 0.5953



4.2066, 6.0665, 29.6283

Complementary

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



11.9447, 6.0665, 4.6791



11.2351, 19.9707, 11.4494

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.



2.7760, 6.0665, 19.6206



11.9447, 6.0665, 4.6791



2.3396, 6.0665, 2.7929

Square

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



11.9447, 6.0665, 4.6791



5.0470, 6.0665, 0.0000



2.1994, 6.0665, 8.9988



6.5503, 6.0665, 31.7097

Rectangle

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



11.9447, 6.0665, 4.6791



8.6182, 6.0665, 0.2910



2.1994, 6.0665, 8.9988



3.6248, 6.0665, 26.8536

Sweetspot

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



11.9449, 6.0669, 4.6792



33.0773, 27.9628, 33.1035



8.4358, 3.7851, 25.8770



7.1304, 5.8417, 6.9653



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.



11.9449, 6.0669, 4.6792



20.9855, 10.6666, 7.8401



11.2850, 6.0101, 0.5657



5.4960, 5.4589, 6.1098



10.7332, 5.4503, 4.2463



0.1132, 0.0563, 0.0962

Inverse Universe

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



11.9449, 6.0669, 4.6792



20.9855, 10.6666, 7.8401



12.8876, 17.9630, 28.3789



5.4960, 5.4589, 6.1098



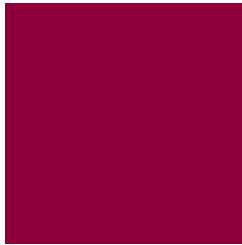
10.7332, 5.4503, 4.2463



0.1132, 0.0563, 0.0962

Previews

White Background



This preview shows how the XYZ color 11.9447, 6.0665, 4.6791 looks on a white background.

Color Contrast Check

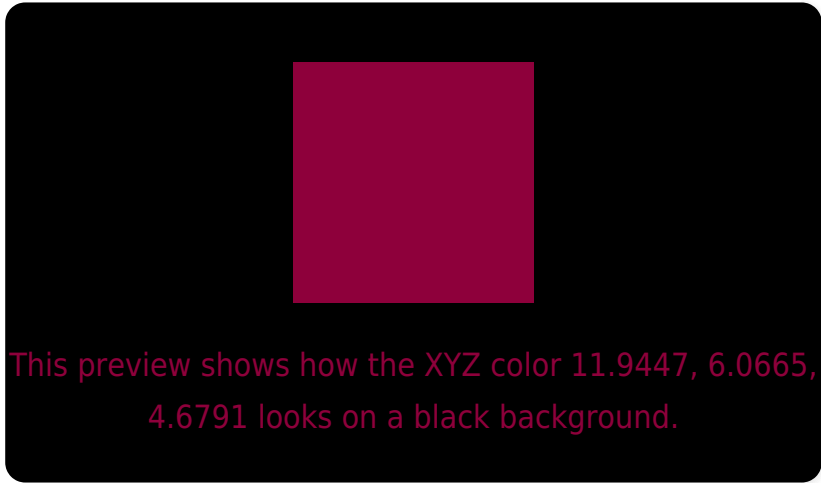
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.9447, 6.0665, 4.6791

Background



This preview shows how black text looks on a background with the XYZ color 11.9447, 6.0665, 4.6791.



This preview shows how white text looks on a background with the XYZ color 11.9447, 6.0665,

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

11.9447, 6.0665, 4.6791

Protanopia

6.6608, 6.7766, 9.7610

Deuteranopia

6.7632, 6.6636, 4.2979



Tritanopia

11.4658, 6.3778, 1.4373

Trichromacy



Original Color

11.9447, 6.0665, 4.6791

Protanomaly

7.2113, 5.0172, 7.4258

Deuteranomaly

7.6914, 5.2784, 4.2279

Tritanomaly

11.4738, 6.1317, 2.2479

Monochromacy



Original Color

11.9447, 6.0665, 4.6791

Achromatopsia

2.9193, 3.0713, 3.3447

Achromatomaly

4.6999, 3.0760, 3.7142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9447, 6.0665, 4.6791 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(142, 0, 59)` looks like.

```
.text, #text, p{  
    color:rgb(142, 0, 59)  
}
```

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(142, 0, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 0, 59) }
```

Border

The CSS property to change the border of an element to XYZ 11.9447, 6.0665, 4.6791 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(142, 0, 59) }
```


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

```
.border{ border-color:rgb(142, 0, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 0, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 0, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 0, 59);  
box-shadow:4px 4px 4px 4px rgb(142, 0, 59)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.9447, 6.0665, 4.6791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 0, 59) }
```

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

```
.background{ background-color: rgb(142, 0,  
59) }
```

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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