

Converting Colors

XYZ(11.8988, 6.0885, 2.6288)

Have a look what the booklet for
XYZ(11.8988, 6.0885, 2.6288)
contains.

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Color

**XYZ(11.9018, 6.0894,
2.6459)**

Conversions

Conversions Part 1

Format	Color
Hex	900029
RGB	144, 0, 41
RGB Percent	56%, 0%, 16%
CMY	0.4353, 0.9999, 0.8392
CMYK	0.00, 1.00, 0.72, 0.44
HSL	343°, 100%, 28%
HSV	343°, 100%, 56%
XYZ	11.9018, 6.0894, 2.6459
YIQ	47.7300, 72.6630, 43.2790

Conversions

Conversions Part 2

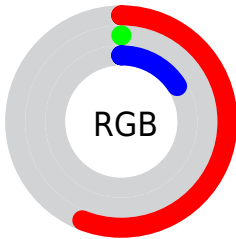
Format	Color
R_{YB}	144, 0, 41
Decimal	9437225
CIE Lab	29.64, 53.44, 20.75
CIE LCh	30, 57.325, 21.226
Yxy	6.0894, 0.5767, 0.2951
Android (android.graphics.Color)	4287627305 (0xFF900029)
YUV	47.7300, -3.3179, 84.4288
Hunter-Lab	24.6767, 42.9079, 10.9165

Details

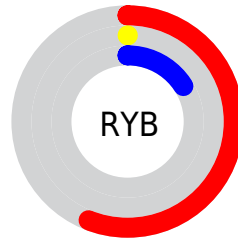
The XYZ color **11.9018, 6.0894, 2.6459** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **12.4226, 20.9261, 16.2217**, and the grayscale version is **2.7793, 2.9240, 3.1843**.

A 20% lighter version of the original color is **28.8989, 18.1440, 10.7831**, and **3.8378, 1.9784, 0.1796** is the 20% darker color. If you saturate the color by 10%, you get **11.9014, 6.0892, 2.6445**, and if you desaturate by 10%, it is **12.2684, 6.4964, 3.7743**.

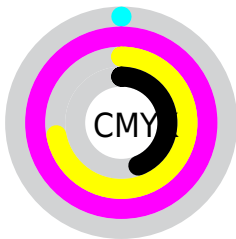
Distribution



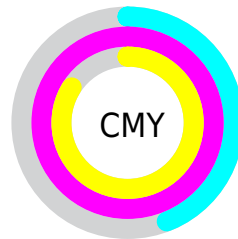
- Red (56%)
- Green (0%)
- Blue (16%)



- Red (56%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (72%)
- Black (44%)





- Cyan (44%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.9018, 6.0894, 2.6459 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 11.9018, 6.0894, 2.6459 by changing the saturation by 10% instead.


 11.9018, 6.0894,
2.6459


 11.9018, 6.0894,
2.6459


197.5373,
159.8673, 131.7144


 6.7486, 2.8995,
0.9160


 28.9345, 18.1163,
10.7414


 3.3503, 1.0795,
0.0000

 41.5448, 27.7222,
17.9449


 1.3416, 0.0000,
0.0000

 57.3713, 40.2355,
27.8103

 0.2140, 0.0000,
0.0000


 76.7797, 56.0406,
40.7561


 0.0000, 0.0000,
0.0000


 100.1351, 75.5219,
57.2009


 127.8029, 99.0639,


77.5632


 160.1485,
127.0509, 102.2615

 11.9018, 6.0894,
2.6459


 11.9018, 6.0894,
2.6459


 11.9014, 6.0892,
2.6445

 12.2684, 6.4964,
3.7743

 12.7951, 7.1427,
5.2048

 13.5400, 8.1397,
6.9721

 14.5263, 9.5296,
9.0976

 15.7742, 11.3483,
11.6009

■ 17.3015, 13.6276,
14.5002

■ 19.1246, 16.3966,
17.8122

■ 21.2584, 19.6815,
21.5527

■ 23.7168, 23.5070,
25.7368

Harmonies

Analogous

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



12.3671, 6.0894, 9.0955



11.9018, 6.0894, 2.6459



9.5701, 6.0894, 0.4479

Triad

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



11.9018, 6.0894, 2.6459



2.6713, 6.0894, 1.0660



5.0498, 6.0894, 33.7391

Complementary

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



11.9018, 6.0894, 2.6459



12.4226, 20.9261, 16.2217

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.



3.1621, 6.0894, 25.5603



11.9018, 6.0894, 2.6459



2.0890, 6.0894, 4.6564

Square

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



11.9018, 6.0894, 2.6459



4.1423, 6.0894, 0.0000



2.2363, 6.0894, 13.3826



7.8199, 6.0894, 31.3890

Rectangle

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



11.9018, 6.0894, 2.6459



7.5738, 6.0894, 0.0000



2.2363, 6.0894, 13.3826



4.3073, 6.0894, 31.9910

Sweetspot

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



11.9019, 6.0898, 2.6460



33.5133, 28.5860, 31.0269



10.3793, 4.7696, 26.7588



7.3952, 6.1132, 6.5930



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



11.9019, 6.0898, 2.6460



20.9284, 10.7148, 4.3311



11.9365, 6.7991, 0.6838



5.4681, 5.4478, 5.9629



10.3733, 5.3063, 2.3509



0.1077, 0.0541, 0.0673

Inverse Universe

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



11.9019, 6.0898, 2.6460



20.9284, 10.7148, 4.3311



11.1882, 14.3217, 28.5599



5.4681, 5.4478, 5.9629



10.3733, 5.3063, 2.3509



0.1077, 0.0541, 0.0673

Previews

White Background



This preview shows how the XYZ color 11.9018, 6.0894, 2.6459 looks on a white background.

Color Contrast Check

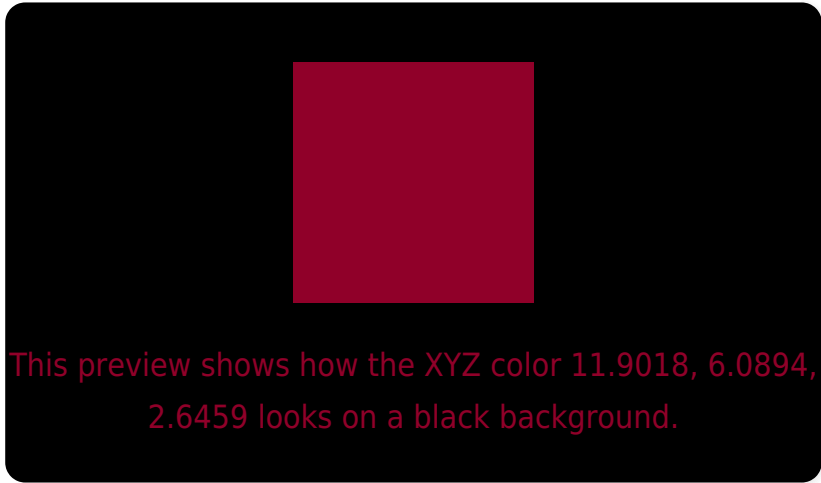
Large Text (above 18pt) WCAG AA ✓ Pass

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

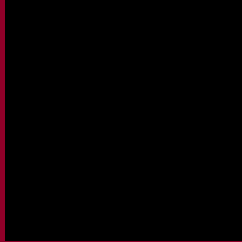
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.9018, 6.0894, 2.6459

Background



This preview shows how black text looks on a background with the XYZ color 11.9018, 6.0894, 2.6459.



This preview shows how white text looks on a background with the XYZ color 11.9018, 6.0894,

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

11.9018, 6.0894, 2.6459

Protanopia

6.2854, 6.6798, 5.3729

Deuteranopia

6.7933, 6.7200, 2.4524



Tritanopia

11.6008, 6.2696, 0.9795

Trichromacy



Original Color

11.9018, 6.0894, 2.6459

Protanomaly

7.0097, 4.9870, 4.0832

Deuteranomaly

7.7027, 5.3253, 2.3722

Tritanomaly

11.6020, 6.1408, 1.3844

Monochromacy



Original Color

11.9018, 6.0894, 2.6459

Achromatopsia

2.8094, 2.9557, 3.2187

Achromatomaly

4.5309, 3.0084, 2.8245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9018, 6.0894, 2.6459 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(144, 0, 41)` looks like.

```
.text, #text, p{  
    color:rgb(144, 0, 41)  
}
```

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(144, 0, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 0, 41) }
```

Border

The CSS property to change the border of an element to XYZ 11.9018, 6.0894, 2.6459 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(144, 0, 41) }
```


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

```
.border{ border-color:rgb(144, 0, 41) }
```

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

Here you see how a box with a 4 pixel rgb(144, 0, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 0, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 0, 41);  
box-shadow:4px 4px 4px 4px rgb(144, 0, 41)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.9018, 6.0894, 2.6459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 0, 41) }
```

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

```
.background{ background-color: rgb(144, 0,  
41) }
```

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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