

Converting Colors

XYZ(17.5774, 8.9610, 9.6592)

Have a look what the booklet for
XYZ(17.5774, 8.9610, 9.6592)
contains.

XYZ(17.4707, 8.9091, 9.6029)	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(17.4707, 8.9091,
9.6029)**

Conversions

Conversions Part 1

Format	Color
Hex	A60656
RGB	166, 6, 86
RGB Percent	65%, 2%, 34%
CMY	0.3490, 0.9764, 0.6627
CMYK	0.00, 0.96, 0.48, 0.35
HSL	330°, 93%, 34%
HSV	330°, 96%, 65%
XYZ	17.4707, 8.9091, 9.6029
YIQ	62.9600, 69.6800, 58.8000

Conversions

Conversions Part 2

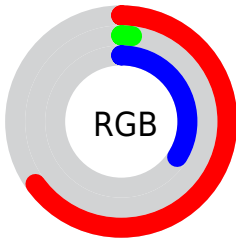
Format	Color
R_{YB}	166, 6, 86
Decimal	10880598
CIE Lab	35.81, 60.98, 0.30
CIE LCh	36, 60.977, 0.282
Yxy	8.9091, 0.4855, 0.2476
Android (android.graphics.Color)	4289070678 (0xFFA60656)
YUV	62.9600, 11.3587, 90.3661
Hunter-Lab	29.8481, 52.2454, 1.8186

Details

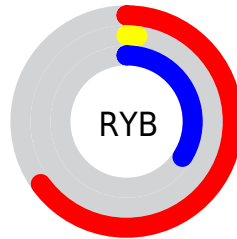
The XYZ color **17.4707, 8.9091, 9.6029** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **15.3923, 27.9835, 13.3992**, and the grayscale version is **4.6973, 4.9419, 5.3818**.

A 20% lighter version of the original color is **38.6059, 23.6553, 25.4529**, and **6.5846, 3.3482, 2.3971** is the 20% darker color. If you saturate the color by 10%, you get **17.2867, 8.7313, 8.9553**, and if you desaturate by 10%, it is **18.0588, 9.5185, 11.5462**.

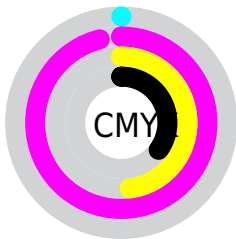
Distribution



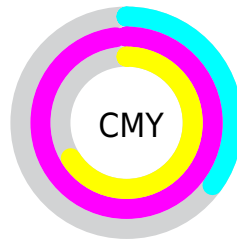
- Red (65%)
- Green (2%)
- Blue (34%)



- Red (65%)
- Yellow (2%)
- Blue (34%)



- Cyan (0%)
- Magenta (96%)
- Yellow (48%)
- Black (35%)




- Cyan (35%)
- Magenta (98%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.4707, 8.9091, 9.6029 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 17.4707, 8.9091, 9.6029 by changing the saturation by 10% instead.

 17.4707, 8.9091,
9.6029


 17.4707, 8.9091,
9.6029


230.9742,
182.6983, 198.1947


 10.6680, 4.6819,
5.0343


 38.6705, 23.7223,
25.6419

 5.9097, 2.0619,
2.2083

 53.7984, 35.0772,
37.9494


 2.8304, 0.6431,
0.6792

 72.4320, 49.5767,
53.6736

 1.0647, 0.0000,
0.0000

 94.9368, 67.6053,
73.2332

 0.0000, 0.0000,
0.0000

 121.6780, 89.5473,
97.0465

 153.0211,

115.7873, 125.5321

189.3314,
146.7095, 159.1087

■ 17.4707, 8.9091,
9.6029

■ 17.4707, 8.9091,
9.6029

■ 17.2867, 8.7313,
8.9553

■ 18.0588, 9.5185,
11.5462

■ 18.8870, 10.5441,
13.7674

■ 19.9954, 12.0639,
16.2858

■ 21.4128, 14.1336,
19.1168

■ 23.1641, 16.8013,
22.2742

■ 25.2715, 20.1098,
25.7705

■ 27.7553, 24.0980,
29.6176

■ 30.6341, 28.8017,
33.8268

■ 33.9254, 34.2540,
38.4084

Harmonies

Analogous

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



16.0336, 8.9091, 23.2569



17.4707, 8.9091, 9.6029



15.9813, 8.9091, 2.7356

Triad

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



17.4707, 8.9091, 9.6029



5.4295, 8.9091, 0.6350



5.4737, 8.9091, 39.2034

Complementary

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



17.4707, 8.9091, 9.6029



15.3923, 27.9835, 13.3992

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.



3.7792, 8.9091, 23.5621



17.4707, 8.9091, 9.6029



3.7593, 8.9091, 2.8092

Square

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



17.4707, 8.9091, 9.6029



8.4337, 8.9091, 0.0533



3.2530, 8.9091, 9.7987



8.5021, 8.9091, 46.2125

Rectangle

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



17.4707, 8.9091, 9.6029



13.7187, 8.9091, 1.0390



3.2530, 8.9091, 9.7987



4.7638, 8.9091, 34.4095

Sweetspot

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



17.4709, 8.9096, 9.6030



48.8693, 41.3053, 51.4714



10.7872, 4.8629, 36.4464



10.5226, 8.5798, 10.8769



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.4709, 8.9096, 9.6030



31.2669, 15.8038, 15.6902



15.8242, 8.2509, 0.9316



7.6816, 7.6025, 8.6407



13.4286, 6.7802, 7.0687



0.3526, 0.1753, 0.3081

Inverse Universe

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



17.4709, 8.9096, 9.6030



31.2669, 15.8038, 15.6902



20.5945, 30.0644, 40.7938



7.6816, 7.6025, 8.6407



13.4286, 6.7802, 7.0687



0.3526, 0.1753, 0.3081

Previews

White Background



This preview shows how the XYZ color 17.4707, 8.9091, 9.6029 looks on a white background.

Color Contrast Check

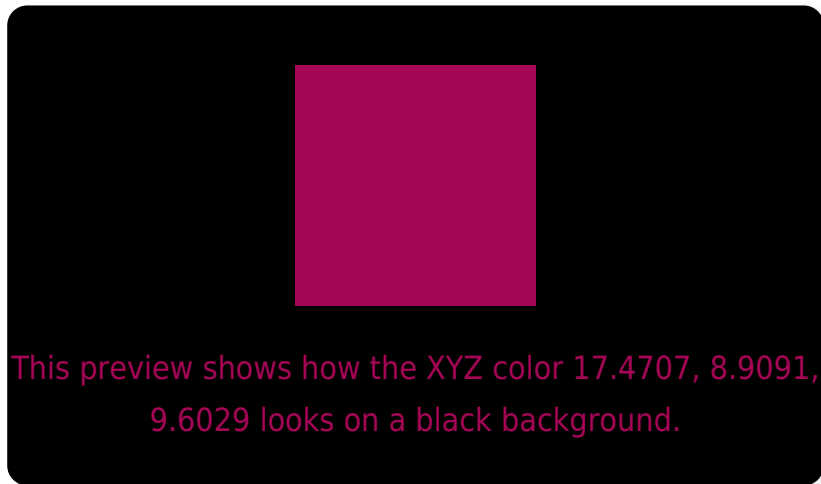
Large Text (above 18pt) WCAG AA ✓ Pass

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

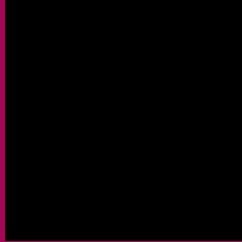
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.4707, 8.9091, 9.6029

Background



This preview shows how black text looks on a background with the XYZ color 17.4707, 8.9091, 9.6029.



This preview shows how white text looks on a background with the XYZ color 17.4707, 8.9091, 9.6029.

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

17.4707, 8.9091, 9.6029

Protanopia

9.7106, 9.4081, 20.3729

Deuteranopia

9.6186, 9.5018, 8.7242



Tritanopia

16.1852, 9.1579, 2.5047

Trichromacy



Original Color

17.4707, 8.9091, 9.6029

Protanomaly

10.2921, 7.0799, 15.5760

Deuteranomaly

11.1055, 7.6485, 8.8736

Tritanomaly

16.5095, 8.9189, 4.3414

Monochromacy



Original Color

17.4707, 8.9091, 9.6029

Achromatopsia

4.7246, 4.9707, 5.4130

Achromatomaly

7.2208, 4.8202, 6.5110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4707, 8.9091, 9.6029 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(166, 6, 86)` looks like.

```
.text, #text, p{  
  color:rgb(166, 6, 86)  
}
```

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(166, 6, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 6, 86) }
```

Border

The CSS property to change the border of an element to XYZ 17.4707, 8.9091, 9.6029 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(166, 6, 86) }
```


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

```
.border{ border-color:rgb(166, 6, 86) }
```

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

Here you see how a box with a 4 pixel rgb(166, 6, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 6, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 6, 86);  
box-shadow:4px 4px 4px 4px rgb(166, 6, 86)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.4707, 8.9091, 9.6029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 6, 86) }
```

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

```
.background{ background-color: rgb(166, 6,  
86) }
```

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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