

Converting Colors

XYZ(17.0792, 9.5537, 1.4557)

Have a look what the booklet for
XYZ(17.0792, 9.5537, 1.4557)
contains.

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Color

**XYZ(16.9799, 9.5085,
1.4707)**

Conversions

Conversions Part 1

Format	Color
Hex	A92011
RGB	169, 32, 17
RGB Percent	66%, 13%, 7%
CMY	0.3373, 0.8745, 0.9333
CMYK	0.00, 0.81, 0.90, 0.34
HSL	6°, 82%, 36%
HSV	6°, 90%, 66%
XYZ	16.9799, 9.5085, 1.4707
YIQ	71.2530, 86.4670, 24.3790

Conversions

Conversions Part 2

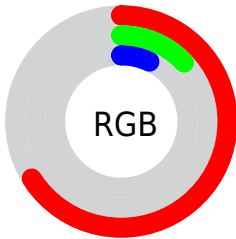
Format	Color
R_{YB}	169, 34, 17
Decimal	11083793
CIE Lab	36.95, 53.39, 43.65
CIE LCh	37, 68.964, 39.272
Yxy	9.5085, 0.6073, 0.3401
Android (android.graphics.Color)	4289273873 (0xFFA92011)
YUV	71.2530, -26.7467, 85.7241
Hunter-Lab	30.8359, 44.3291, 18.7573

Details

The XYZ color **16.9799, 9.5085, 1.4707** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **18.9463, 26.0913, 41.5735**, and the grayscale version is **6.0666, 6.3825, 6.9506**.

A 20% lighter version of the original color is **37.8321, 24.8270, 7.5007**, and **6.1843, 3.1881, 0.2894** is the 20% darker color. If you saturate the color by 10%, you get **16.5597, 8.8293, 0.8343**, and if you desaturate by 10%, it is **17.6756, 10.6024, 2.6207**.

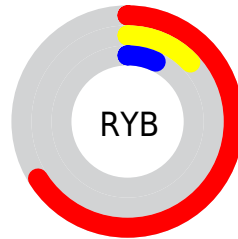
Distribution



Red (66%)

Green (13%)

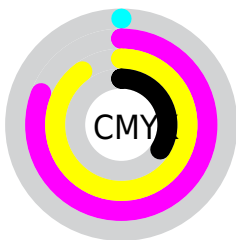
Blue (7%)



Red (66%)

Yellow (13%)

Blue (7%)

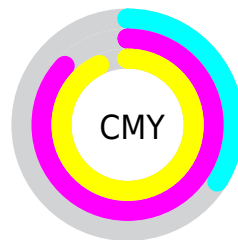


Cyan (0%)

Magenta (81%)

Yellow (90%)

Black (34%)



Cyan (34%)


Magenta (87%)

Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 16.9799, 9.5085, 1.4707 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 16.9799, 9.5085, 1.4707 by changing the saturation by 10% instead.


 16.9799, 9.5085,
1.4707


 16.9799, 9.5085,
1.4707


 228.2150,
187.1273, 113.5252


 10.3154, 5.0743,
0.1960


 37.8351, 24.8668,
7.5354


 5.6724, 2.2909,
0.0000

 52.7565, 36.5598,
13.3485


 2.6857, 0.7689,
0.0000

 71.1608, 51.4411,
21.5735

 0.9898, 0.0000,
0.0000

 93.4135, 69.8952,
32.6289


 0.0000, 0.0000,
0.0000


 119.8800, 92.3065,
46.9332

 150.9255,


119.0593, 64.9050


 186.9154,
150.5381, 86.9628


 16.9799, 9.5085,
1.4707


 16.9799, 9.5085,
1.4707


 16.5597, 8.8293,
0.8343


 17.6756, 10.6024,
2.6207

 16.5578, 8.8263,
0.8310

 18.7037, 12.1692,
4.4721

 20.0998, 14.2556,
7.1133

 21.8947, 16.9019,
10.6198

 24.1158, 20.1447,
15.0582

■ 26.7884, 24.0173,
20.4885

■ 29.9354, 28.5506,
26.9658

■ 33.5785, 33.7734,
34.5411

■ 37.7378, 39.7129,
43.2620

Harmonies

Analogous

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



19.7752, 9.5085, 7.0139



16.9799, 9.5085, 1.4707



12.2586, 9.5085, 0.0000

Triad

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



16.9799, 9.5085, 1.4707



3.3364, 9.5085, 4.0709



10.4230, 9.5085, 55.0700

Complementary

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



16.9799, 9.5085, 1.4707



18.9463, 26.0913, 41.5735

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.



6.4368, 9.5085, 51.4581



16.9799, 9.5085, 1.4707



3.1233, 9.5085, 14.6128

Square

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



16.9799, 9.5085, 1.4707



4.7800, 9.5085, 0.7208



4.0629, 9.5085, 33.4421



15.2793, 9.5085, 41.2137

Rectangle

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



16.9799, 9.5085, 1.4707



9.1420, 9.5085, 0.0000



4.0629, 9.5085, 33.4421



8.9339, 9.5085, 56.0037

Sweetspot

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



16.9801, 9.5091, 1.4708



49.2814, 44.8971, 39.3671



22.5916, 11.2475, 32.5808



10.3683, 9.2472, 7.8167



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.



16.9801, 9.5091, 1.4708



29.5842, 15.6674, 1.4649



21.5830, 18.7150, 3.0051



7.5885, 7.6571, 7.8673



12.3600, 6.6172, 0.6258



0.3186, 0.1967, 0.0212

Inverse Universe

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



18.9463, 26.0913, 41.5735



32.9383, 45.3554, 74.2435



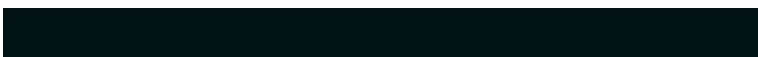
10.2857, 8.7700, 38.6866



7.6833, 8.4036, 9.6354



13.7652, 18.9907, 30.9156



0.3525, 0.4972, 0.7580

Previews

White Background



This preview shows how the XYZ color 16.9799, 9.5085, 1.4707 looks on a white background.

Color Contrast Check

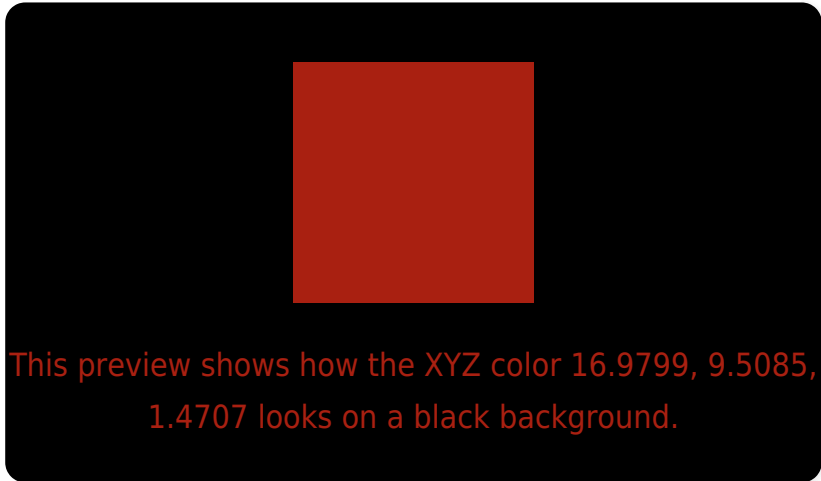
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.9799, 9.5085, 1.4707

Background



This preview shows how black text looks on a background with the XYZ color 16.9799, 9.5085, 1.4707.



This preview shows how white text looks on a background with the XYZ color 16.9799, 9.5085,

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

16.9799, 9.5085, 1.4707

Protanopia

8.9523, 9.8911, 2.6656

Tritanopia

17.0865, 9.5087, 2.1631

Trichromacy



Original Color

16.9799, 9.5085, 1.4707

Protanomaly

10.5548, 8.4895, 2.0020

Tritanomaly

17.0276, 9.4852, 1.8531

Monochromacy



Original Color

16.9799, 9.5085, 1.4707

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

8.1241, 6.2911, 3.9181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9799, 9.5085, 1.4707 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(169, 32, 17)` looks like.

```
.text, #text, p{  
  color:rgb(169, 32, 17)  
}
```

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(169, 32, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 32, 17) }
```

Border

The CSS property to change the border of an element to XYZ 16.9799, 9.5085, 1.4707 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(169, 32, 17) }
```

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

```
.border{ border-color:rgb(169, 32, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 32, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 32, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 32, 17);  
box-shadow:4px 4px 4px 4px rgb(169, 32,  
17) }
```


Background

The CSS property to change the background color of an element to XYZ 16.9799, 9.5085, 1.4707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 32, 17) }
```

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

```
.background{ background-color: rgb(169, 32,  
17) }
```

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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