

Converting Colors

XYZ(16.5705, 9.0716, 11.0596)

Have a look what the booklet for
XYZ(16.5705, 9.0716, 11.0596)
contains.

XYZ(16.5488, 9.0748, 11.0046)	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(16.5488, 9.0748,
11.0046)**

Conversions

Conversions Part 1

Format	Color
Hex	9E205C
RGB	158, 32, 92
RGB Percent	62%, 13%, 36%
CMY	0.3804, 0.8745, 0.6392
CMYK	0.00, 0.80, 0.42, 0.38
HSL	331°, 66%, 37%
HSV	331°, 80%, 62%
XYZ	16.5488, 9.0748, 11.0046
YIQ	76.5140, 55.8360, 45.3720

Conversions

Conversions Part 2

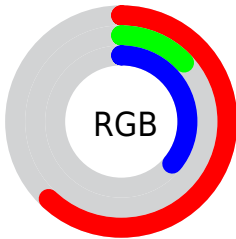
Format	Color
R_{YB}	158, 32, 92
Decimal	10362972
CIE Lab	36.13, 54.51, -3.29
CIE LCh	36, 54.608, 356.551
Yxy	9.0748, 0.4518, 0.2478
Android (android.graphics.Color)	4288553052 (0xFF9E205C)
YUV	76.5140, 7.6346, 71.4632
Hunter-Lab	30.1244, 45.3410, -0.5719

Details

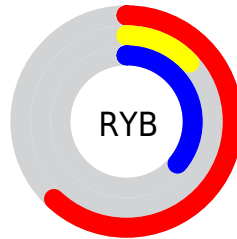
The XYZ color **16.5488, 9.0748, 11.0046** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **15.0278, 25.6429, 15.7149**, and the grayscale version is **6.9439, 7.3055, 7.9557**.

A 20% lighter version of the original color is **37.1539, 24.0170, 28.2687**, and **5.8600, 2.9640, 2.8480** is the 20% darker color. If you saturate the color by 10%, you get **15.8783, 8.2817, 9.0925**, and if you desaturate by 10%, it is **17.4634, 10.2929, 13.1933**.

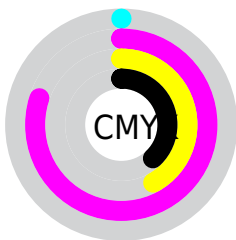
Distribution



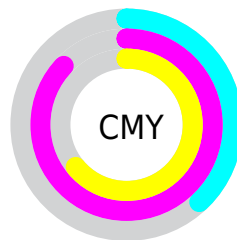
- Red (62%)
- Green (13%)
- Blue (36%)



- Red (62%)
- Yellow (13%)
- Blue (36%)



- Cyan (0%)
- Magenta (80%)
- Yellow (42%)
- Black (38%)



- Cyan (38%)
- Magenta (87%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5488, 9.0748, 11.0046 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 16.5488, 9.0748, 11.0046 by changing the saturation by 10% instead.


 16.5488, 9.0748,
11.0046


 16.5488, 9.0748,
11.0046


225.7659,
183.9349, 208.4377


 10.0066, 4.7900,
5.9557


 37.0982, 24.0401,
28.3055


 5.4657, 2.1246,
2.7498

 51.8361, 35.4894,
41.3945


 2.5605, 0.6784,
0.9684

 70.0366, 50.0956,
58.0007

 0.9259, 0.0000,
0.0000

 92.0651, 68.2432,
78.5426

 0.0000, 0.0000,
0.0000

 118.2869, 90.3165,
103.4387

 149.0674,

116.7000, 133.1075

184.7720,
147.7780, 167.9677

■ 16.5488, 9.0748,
11.0046

■ 16.5488, 9.0748,
11.0046

■ 15.8783, 8.2817,
9.0925

■ 17.4634, 10.2929,
13.1933

■ 15.3903, 7.7921,
7.4299

■ 18.6483, 11.9865,
15.6731

■ 15.3785, 7.7803,
7.3896

■ 20.1270, 14.2006,
18.4576

■ 21.9201, 16.9746,
21.5591

■ 24.0462, 20.3440,
24.9890

■ 26.5223, 24.3413,
28.7583

■ 29.3644, 28.9968,
32.8770

■ 32.5873, 34.3386,
37.3550

■ 36.2050, 40.3932,
42.2014

Harmonies

Analogous

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



15.0085, 9.0748, 23.5043



16.5488, 9.0748, 11.0046



15.5626, 9.0748, 3.8188

Triad

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



16.5488, 9.0748, 11.0046



6.1086, 9.0748, 0.9397



5.6026, 9.0748, 33.8145

Complementary

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



16.5488, 9.0748, 11.0046



15.0278, 25.6429, 15.7149

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.



4.1341, 9.0748, 20.3160



16.5488, 9.0748, 11.0046



4.3702, 9.0748, 2.9070

Square

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



16.5488, 9.0748, 11.0046



9.0092, 9.0748, 0.5440



3.7476, 9.0748, 8.8365



8.2525, 9.0748, 40.9669

Rectangle

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



16.5488, 9.0748, 11.0046



13.7134, 9.0748, 1.7250



3.7476, 9.0748, 8.8365



4.9830, 9.0748, 29.5721

Sweetspot

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



16.5491, 9.0753, 11.0047



45.9575, 40.6262, 48.9109



11.6292, 6.0493, 32.9024



10.0264, 8.6202, 10.5135



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



16.5491, 9.0753, 11.0047



28.1283, 14.3528, 14.0352



14.9365, 8.5237, 2.2251



6.7580, 6.6961, 7.5766



12.3363, 6.2391, 6.0221



0.2418, 0.1201, 0.2196

Inverse Universe

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



16.5491, 9.0753, 11.0047



28.1283, 14.3528, 14.0352



18.6392, 26.5192, 36.4840



6.7580, 6.6961, 7.5766



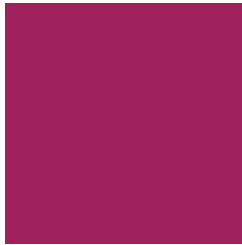
12.3363, 6.2391, 6.0221



0.2418, 0.1201, 0.2196

Previews

White Background



This preview shows how the XYZ color 16.5488, 9.0748, 11.0046 looks on a white background.

Color Contrast Check

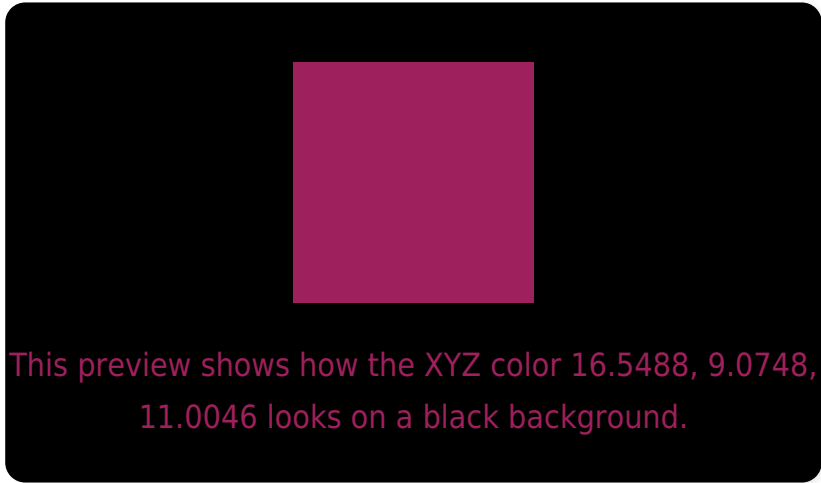
Large Text (above 18pt) WCAG AA ✓ Pass

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

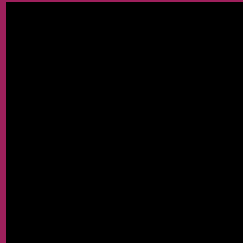
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.5488, 9.0748, 11.0046

Background



This preview shows how black text looks on a background with the XYZ color 16.5488, 9.0748, 11.0046.



This preview shows how white text looks on a background with the XYZ color 16.5488, 9.0748,

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

16.5488, 9.0748, 11.0046

Protanopia

9.7742, 9.4335, 20.7077

Deuteranopia

9.5694, 9.4454, 10.1229



Tritanopia

15.0281, 9.1360, 3.7677

Trichromacy



Original Color

16.5488, 9.0748, 11.0046

Protanomaly

10.7545, 8.0919, 16.6179

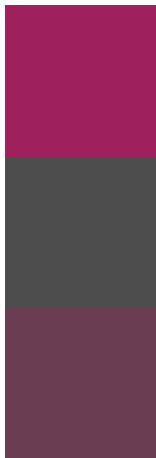
Deuteranomaly

11.1230, 8.3367, 10.2554

Tritanomaly

15.4287, 9.0240, 5.7791

Monochromacy



Original Color

16.5488, 9.0748, 11.0046

Achromatopsia

7.0540, 7.4214, 8.0819

Achromatomaly

9.1356, 7.0109, 8.8544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5488, 9.0748, 11.0046 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(158, 32, 92)` looks like.

```
.text, #text, p{  
    color:rgb(158, 32, 92)  
}
```

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(158, 32, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 32, 92) }
```

Border

The CSS property to change the border of an element to XYZ 16.5488, 9.0748, 11.0046 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(158, 32, 92) }
```


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

```
.border{ border-color:rgb(158, 32, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 32, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 32, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 32, 92);  
box-shadow:4px 4px 4px 4px rgb(158, 32,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5488, 9.0748, 11.0046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 32, 92) }
```

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

```
.background{ background-color: rgb(158, 32,  
92) }
```

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