

Converting Colors

XYZ(17.6756, 9.4905, 9.3970)

Have a look what the booklet for
XYZ(17.6756, 9.4905, 9.3970)
contains.

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Color

**XYZ(17.7575, 9.5467,
9.5011)**

Conversions

Conversions Part 1

Format	Color
Hex	A61B55
RGB	166, 27, 85
RGB Percent	65%, 11%, 33%
CMY	0.3490, 0.8941, 0.6667
CMYK	0.00, 0.84, 0.49, 0.35
HSL	335°, 72%, 38%
HSV	335°, 84%, 65%
XYZ	17.7575, 9.5467, 9.5011
YIQ	75.1730, 64.2260, 47.5060

Conversions

Conversions Part 2

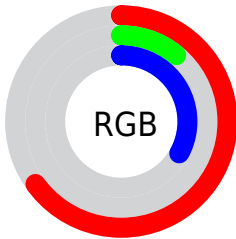
Format	Color
RYB	166, 27, 85
Decimal	10885973
CIELab	37.02, 57.32, 2.70
CIElCh	37, 57.382, 2.695
Yxy	9.5467, 0.4825, 0.2594
Android (android.graphics.Color)	4289076053 (0xFFA61B55)
YUV	75.1730, 4.8447, 79.6553
Hunter-Lab	30.8977, 48.5162, 3.3966

Details

The XYZ color **17.7575, 9.5467, 9.5011** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **16.7959, 28.5885, 18.8234**, and the grayscale version is **6.7034, 7.0525, 7.6802**.

A 20% lighter version of the original color is **39.2395, 25.0347, 25.3183**, and **6.5673, 3.3413, 2.3063** is the 20% darker color. If you saturate the color by 10%, you get **17.1201, 8.8455, 7.5203**, and if you desaturate by 10%, it is **18.6629, 10.6998, 11.8307**.

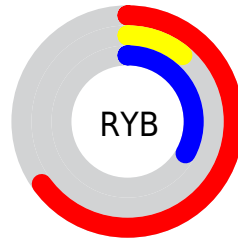
Distribution



Red (65%)

Green (11%)

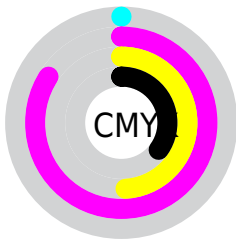
Blue (33%)



Red (65%)

Yellow (11%)

Blue (33%)

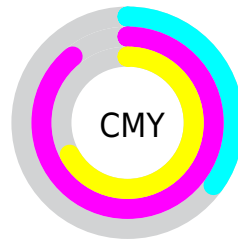


Cyan (0%)

Magenta (84%)

Yellow (49%)

Black (35%)



Cyan (35%)


Magenta (89%)


Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7575, 9.5467, 9.5011 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 17.7575, 9.5467, 9.5011 by changing the saturation by 10% instead.


 17.7575, 9.5467,
9.5011


 17.7575, 9.5467,
9.5011


232.5727,
187.4055, 197.4270


 10.8747, 5.0995,
4.9682


 39.1570, 24.9393,
25.4458


 6.0493, 2.3057,
2.1702


 54.4044, 36.6535,
37.6946


 2.9160, 0.7767,
0.6571

 73.1706, 51.5588,
53.3525

 1.1095, 0.0000,
0.0000

 95.8212, 70.0396,
72.8381

 0.0330, 0.0000,
0.0000

 122.7213, 92.4802,
96.5697

 0.0000, 0.0000,
0.0000

 154.2363,

119.2652, 124.9661

190.7317,
150.7788, 158.4456

■ 17.7575, 9.5467,
9.5011

■ 17.7575, 9.5467,
9.5011

■ 17.1201, 8.8455,
7.5203

■ 18.6629, 10.6998,
11.8307

■ 16.8081, 8.5399,
6.4349

■ 19.8693, 12.3675,
14.5297

■ 21.4051, 14.6038,
17.6170

■ 23.2954, 17.4557,
21.1099

■ 25.5623, 20.9650,
25.0243

■ 28.2265, 25.1701,
29.3751

■ 31.3067, 30.1061,
34.1766

■ 34.8206, 35.8059,
39.4420

■ 38.7849, 42.3004,
45.1843

Harmonies

Analogous

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



16.6037, 9.5467, 22.2089



17.7575, 9.5467, 9.5011



16.1274, 9.5467, 3.0007

Triad

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



17.7575, 9.5467, 9.5011



5.8597, 9.5467, 1.0910



6.2856, 9.5467, 39.2970

Complementary

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



17.7575, 9.5467, 9.5011



16.7959, 28.5885, 18.8234

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.



4.4514, 9.5467, 24.9602



17.7575, 9.5467, 9.5011



4.2545, 9.5467, 3.7524

Square

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



17.7575, 9.5467, 9.5011



8.7562, 9.5467, 0.4546



3.8154, 9.5467, 11.3427



9.3991, 9.5467, 44.7741

Rectangle

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



17.7575, 9.5467, 9.5011



13.8789, 9.5467, 1.3045



3.8154, 9.5467, 11.3427



5.5297, 9.5467, 35.0355

Sweetspot

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



17.7578, 9.5473, 9.5012



50.3356, 44.2627, 51.8840



13.1919, 6.5878, 36.6526



10.8897, 9.3125, 11.0037



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.



17.7578, 9.5473, 9.5012



30.4049, 15.4590, 11.1510



16.5631, 9.4648, 1.9915



7.6561, 7.5923, 8.5061



13.0561, 6.6312, 5.1072



0.3433, 0.1716, 0.2594

Inverse Universe

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



17.7578, 9.5473, 9.5012



30.4049, 15.4590, 11.1510



19.3472, 27.0104, 40.2701



7.6561, 7.5923, 8.5061



13.0561, 6.6312, 5.1072



0.3433, 0.1716, 0.2594

Previews

White Background



This preview shows how the XYZ color 17.7575, 9.5467, 9.5011 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



This preview shows how the XYZ color 17.7575, 9.5467, 9.5011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

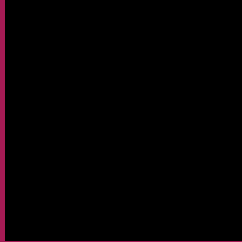
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.7575, 9.5467, 9.5011

Background



This preview shows how black text looks on a background with the XYZ color 17.7575, 9.5467, 9.5011.



This preview shows how white text looks on a background with the XYZ color 17.7575, 9.5467,

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

17.7575, 9.5467, 9.5011

Protanopia

10.0680, 9.9929, 18.5377

Deuteranopia

9.9905, 9.8138, 8.5754



Tritanopia

16.5207, 9.6456, 3.1815

Trichromacy



Original Color

17.7575, 9.5467, 9.5011

Protanomaly

11.1053, 8.3165, 14.6556

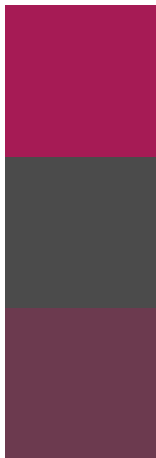
Deuteranomaly

11.7760, 8.6208, 8.8279

Tritanomaly

16.9116, 9.5666, 4.9582

Monochromacy



Original Color

17.7575, 9.5467, 9.5011

Achromatopsia

6.6877, 7.0360, 7.6622

Achromatomaly

9.1087, 6.7788, 8.2255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7575, 9.5467, 9.5011 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, 27, 85)` looks like.

```
.text, #text, p{  
    color:rgb(166, 27, 85)  
}
```

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, 27, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 27, 85) }
```

Border

The CSS property to change the border of an element to XYZ 17.7575, 9.5467, 9.5011 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, 27, 85) }
```


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

```
.border{ border-color:rgb(166, 27, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 27, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 27, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 27, 85);  
box-shadow:4px 4px 4px 4px rgb(166, 27,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7575, 9.5467, 9.5011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 27, 85) }
```

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

```
.background{ background-color: rgb(166, 27,  
85) }
```

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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