

Converting Colors

YUV(106.4710, 9.1348, 10.1109)

Have a look what the booklet for
YUV(106.4710, 9.1348, 10.1109)
contains.

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Color

**YUV(106.4710, 9.1348,
10.1109)**

Conversions

Conversions Part 1

Format	Color
Hex	76617D
RGB	118, 97, 125
RGB Percent	46%, 38%, 49%
CMY	0.5373, 0.6196, 0.5098
CMYK	0.06, 0.22, 0.00, 0.51
HSL	285°, 13%, 44%
HSV	285°, 22%, 49%
XYZ	15.4476, 13.8816, 21.2673
YIQ	106.4710, 3.5280, 13.1600

Conversions

Conversions Part 2

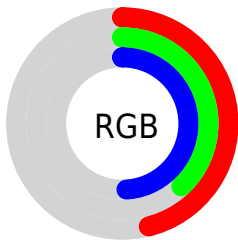
Format	Color
R_{YB}	118, 97, 125
Decimal	7758205
CIE _{Lab}	44.06, 13.97, -12.49
CIE _{LCh}	44, 18.738, 318.216
Yxy	13.8816, 0.3053, 0.2744
Android (android.graphics.Color)	4285948285 (0xFF76617D)
YUV	106.4710, 9.1348, 10.1109
Hunter-Lab	37.2580, 8.8065, -7.7627

Details

The YUV color **106.4710, 9.1348, 10.1109** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **115.5290, -9.1348, -10.1109**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9980, 9.8610, 10.5258**, and **58.6450, 8.5560, 9.0813** is the 20% darker color. If you saturate the color by 10%, you get **97.9430, 13.3391, 14.9590**, and if you desaturate by 10%, it is **114.9990, 4.9305, 5.2629**.

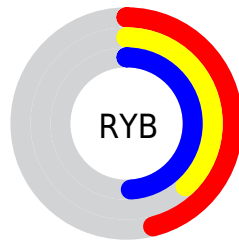
Distribution



Red (46%)

Green (38%)

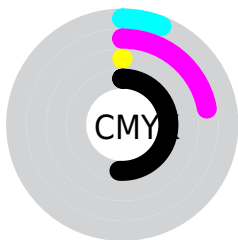
Blue (49%)



Red (46%)

Yellow (38%)

Blue (49%)

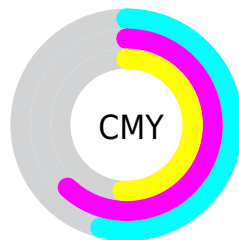


Cyan (6%)

Magenta (22%)

Yellow (0%)

Black (51%)



Cyan (54%)

Magenta (62%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.4710, 9.1348, 10.1109 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 YUV color 106.4710, 9.1348, 10.1109 by changing the saturation by 10% instead.

■ 106.4710, 9.1348,
10.1109

■ 106.4710, 9.1348,
10.1109

■ 255.0000, 0.0000,
0.0000

■ 82.0580, 8.8454,
9.5961

■ 157.9980, 9.8610,
10.5258

■ 58.6450, 8.5560,
9.0813

■ 184.7100, 10.0030,
11.6553

■ 37.1180, 7.8298,
8.6665

■ 212.7100, 10.0030,
11.6553

■ 14.6560, 8.5506,
10.8257

■ 240.3250, 7.2348,
12.8700

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 106.4710, 9.1348,
10.1109

■ 106.4710, 9.1348,
10.1109

■ 97.9430, 13.3391,
14.9590

■ 114.9990, 4.9305,
5.2629

■ 90.0020, 17.2540,
19.2922

■ 122.9400, 1.0156,
0.9296

■ 81.4740, 21.4583,
24.1403

■ 131.4680, -3.1887,
-3.9184

■ 73.5330, 25.3732,
28.4736

■ 139.7080, -7.2510,
-7.6369

■ 64.7060, 29.7249,
32.7068

■ 148.2360,
-11.4553, -12.4850

■ 56.7650, 33.6399,
37.0401

■ 156.1770,
-15.3703, -16.8182

■ 48.2370, 37.8442,
41.8882


■ 164.7050,
-19.5746, -21.6663

■ 42.3560, 40.7435,

■ 172.6460,

45.2918

-23.4895, -25.9995

 181.1740,
-27.6938, -30.8476

Harmonies

Analogous

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



104.4520, 14.5672, -5.6584



106.4710, 9.1348, 10.1109



106.4140, 2.2609, 21.5619

Triad

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



106.4710, 9.1348, 10.1109



103.9020, -14.7417, 14.9949



96.8540, 7.9600, -33.1980

Complementary

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



106.4710, 9.1348, 10.1109



115.5290, -9.1348, -10.1109

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.



98.0310, -0.5083, -23.7062



106.4710, 9.1348, 10.1109



102.3520, -13.9775, 3.1993

Square

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



106.4710, 9.1348, 10.1109



105.1680, -11.4218, 23.5317



100.3440, -8.5506, -10.8257



97.5750, 14.5065, -32.9533

Rectangle

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



106.4710, 9.1348, 10.1109



106.3560, -3.1335, 25.1208



100.3440, -8.5506, -10.8257



96.8820, 5.4812, -31.4685

Sweetspot

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



106.4710, 9.1348, 10.1109



155.6460, 3.6255, 3.8185



104.3010, 10.2046, -6.4030



77.2930, 2.3206, 2.3740



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



106.4710, 9.1348, 10.1109



133.8830, 14.3547, 15.8886



107.7660, 5.0454, 15.1142



59.2930, 2.3206, 2.3740



43.2960, 41.7591, 46.2214



0.0000, 0.0000, 0.0000

Inverse Universe

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



106.1700, -1.0698, 16.5139



133.4100, -1.6811, 25.9504



114.2340, -5.0454, -15.1142



59.3210, -0.1583, 4.1035



41.9200, -4.8906, 75.4922



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 106.4710, 9.1348, 10.1109 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 × Fail

Black Background



This preview shows how the YUV color 106.4710, 9.1348, 10.1109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

YUV 106.4710, 9.1348, 10.1109

Background



This preview shows how black text looks on a background with the YUV color 106.4710, 9.1348, 10.1109.



This preview shows how white text looks on a background with the YUV color 106.4710, 9.1348,

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

106.4710, 9.1348, 10.1109

Protanopia

104.4690, 12.0938, -5.6733

Deuteranopia

105.4050, 9.1673, -0.3552



Tritanopia

105.3970, 1.2833, 8.4218

Trichromacy



Original Color

106.4710, 9.1348, 10.1109

Protanomaly

105.2740, 11.2039, -0.2403

Deuteranomaly

105.7260, 9.0091, 3.7483

Tritanomaly

105.7930, 4.0461, 8.9515

Monochromacy



Original Color

106.4710, 9.1348, 10.1109

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.2330, 3.3361, 3.3037

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.4710, 9.1348, 10.1109 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(118, 97, 125)` looks like.

```
.text, #text, p{  
    color:rgb(118, 97, 125)  
}
```

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(118, 97, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 97, 125) }
```

Border

The CSS property to change the border of an element to YUV 106.4710, 9.1348, 10.1109 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(118, 97, 125) }
```


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

```
.border{ border-color:rgb(118, 97, 125) }
```

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

Here you see how a box with a 4 pixel rgb(118, 97, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 97, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 97, 125);  
box-shadow:4px 4px 4px 4px rgb(118, 97,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 106.4710, 9.1348, 10.1109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 97, 125) }
```

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

```
.background{ background-color: rgb(118, 97,  
125) }
```

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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