

Converting Colors

YUV(90.8210, 1.0742, -64.7410)

Have a look what the booklet for
YUV(90.8210, 1.0742, -64.7410)
contains.

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Color

**YUV(90.8210, 1.0742,
-64.7410)**

Conversions

Conversions Part 1

Format	Color
Hex	11805D
RGB	17, 128, 93
RGB Percent	7%, 50%, 36%
CMY	0.9333, 0.4980, 0.6353
CMYK	0.87, 0.00, 0.27, 0.50
HSL	161°, 77%, 28%
HSV	161°, 87%, 50%
XYZ	9.9261, 16.3478, 12.9882
YIQ	90.8210, -54.9210, -34.4170

Conversions

Conversions Part 2

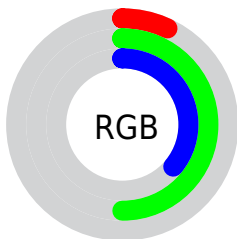
Format	Color
R_{YB}	17, 83, 128
Decimal	1146973
CIE _{Lab}	47.43, -37.93, 10.91
CIE _{LCh}	47, 39.471, 163.961
Yxy	16.3478, 0.2528, 0.4164
Android (android.graphics.Color)	4279337053 (0xFF11805D)
YUV	90.8210, 1.0742, -64.7410
Hunter-Lab	40.4324, -26.9352, 9.2568

Details

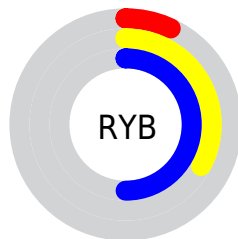
The YUV color **90.8210, 1.0742, -64.7410** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **54.1790, -1.0742, 64.7410**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.2520, -2.5892, -56.3490**, and **51.1440, -2.0430, -44.8533** is the 20% darker color. If you saturate the color by 10%, you get **86.4780, 1.2433, -72.3332**, and if you desaturate by 10%, it is **95.1640, 0.9051, -57.1488**.

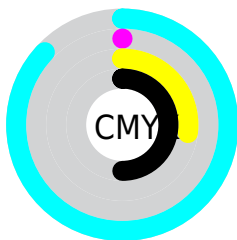
Distribution



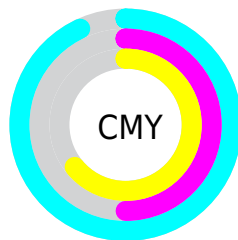
- Red (7%)
- Green (50%)
- Blue (36%)



- Red (7%)
- Yellow (33%)
- Blue (50%)



- Cyan (87%)
- Magenta (0%)
- Yellow (27%)
- Black (50%)



- Cyan (93%)
- Magenta (50%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.8210, 1.0742, -64.7410 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 90.8210, 1.0742, -64.7410 by changing the saturation by 10% instead.

■ 90.8210, 1.0742,
-64.7410

■ 90.8210, 1.0742,
-64.7410

■ 255.0000, 0.0000,
0.0000

■ 67.7400, 0.6212,
-59.4080

■ 148.2520, -2.5892,
-56.3490

■ 51.1440, -2.0430,
-44.8533

■ 176.1380, -3.0260,
-56.2490

■ 34.6620, -4.2704,
-30.3986

■ 204.0240, -3.4628,
-56.1490

■ 19.3710, -9.5499,
-16.9884

■ 225.8660, -0.4269,
-49.8715

■ 0.0000, 0.0000,
0.0000

■ 237.8430, 7.9654,
-34.9423

■ 246.6280, 4.1274,

-17.2138

■ 90.8210, 1.0742,
-64.7410

■ 90.8210, 1.0742,
-64.7410

■ 86.4780, 1.2433,
-72.3332

■ 95.1640, 0.9051,
-57.1488

■ 85.1680, 1.3962,
-74.6923

■ 99.5070, 0.7360,
-49.5566

■ 103.5510, 0.7144,
-42.5792

■ 107.8940, 0.5453,
-34.9870

■ 112.2370, 0.3762,
-27.3948

■ 116.5800, 0.2071,
-19.8027

■ 120.9230, 0.0380,
-12.2105

■ 124.9670, 0.0163,
-5.2331

■ 129.3100, -0.1528,
2.3591

Harmonies

Analogous

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



103.8900, -20.1588, -20.9515



90.8210, 1.0742, -64.7410



90.2010, 18.1419, -79.1063

Triad

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



90.8210, 1.0742, -64.7410



110.4510, 32.8087, -23.1975



111.6890, -21.5387, 48.5077

Complementary

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



90.8210, 1.0742, -64.7410



54.1790, -1.0742, 64.7410

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.



112.8050, -7.2989, 54.5450



90.8210, 1.0742, -64.7410



116.2450, 22.0642, 16.4481

Square

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



90.8210, 1.0742, -64.7410



91.0910, 41.8601, -79.8868



114.8650, 8.4476, 43.9684



110.3590, -31.2360, 32.1342

Rectangle

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



90.8210, 1.0742, -64.7410



92.1220, 28.0409, -80.7910



114.8650, 8.4476, 43.9684



112.4490, -17.4764, 52.2262

Sweetspot

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



90.8210, 1.0742, -64.7410



151.5470, 0.2233, -25.0357



92.6220, -37.2816, -35.6255



75.3140, 0.3382, -15.1844



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



90.8210, 1.0742, -64.7410



110.3240, 1.3193, -96.7541



83.0710, 22.1500, -57.9443



61.6790, 0.1583, -4.1035



85.0540, 0.9594, -74.5924



0.0000, 0.0000, 0.0000

Inverse Universe

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



54.1790, -1.0742, 64.7410



55.5620, -1.7561, 96.8541



61.9290, -22.1500, 57.9443



59.3210, -0.1583, 4.1035



42.8320, -1.3962, 74.6923



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 90.8210, 1.0742, -64.7410 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 90.8210, 1.0742, -64.7410 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 90.8210, 1.0742, -64.7410

Background



This preview shows how black text looks on a background with the YUV color 90.8210, 1.0742, -64.7410.



This preview shows how white text looks on a background with the YUV color 90.8210, 1.0742, -64.7410.

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

90.8210, 1.0742, -64.7410

Protanopia

111.3140, -12.9728, 7.6176

Deuteranopia

112.7260, -7.7529, 13.3953



Tritanopia

100.8180, 15.8657, -48.9524

Trichromacy



Original Color

90.8210, 1.0742, -64.7410

Protanomaly

104.1150, -7.9447, -18.5179

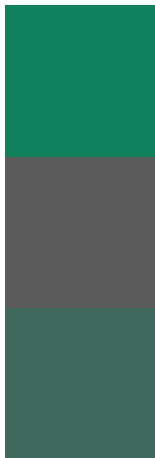
Deuteranomaly

104.7610, -4.3192, -14.6994

Tritanomaly

97.2920, 10.2090, -54.6301

Monochromacy



Original Color

90.8210, 1.0742, -64.7410

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.6720, 0.6547, -23.3913

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.8210, 1.0742, -64.7410 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(17, 128, 93)` looks like.

```
.text, #text, p{  
    color:rgb(17, 128, 93)  
}
```

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(17, 128, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 128, 93) }
```

Border

The CSS property to change the border of an element to YUV 90.8210, 1.0742, -64.7410 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(17, 128, 93) }
```


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

```
.border{ border-color:rgb(17, 128, 93) }
```

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

Here you see how a box with a 4 pixel rgb(17, 128, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 128, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 128, 93);  
box-shadow:4px 4px 4px 4px rgb(17, 128,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 90.8210, 1.0742, -64.7410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 128, 93) }
```

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

```
.background{ background-color: rgb(17, 128,  
93) }
```

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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