

Converting Colors

YUV(112.8650, 1.0526,
-57.7636)

Have a look what the booklet for
YUV(112.8650, 1.0526, -57.7636)
contains.

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Color

**YUV(112.8650, 1.0526,
-57.7636)**

Conversions

Conversions Part 1

Format	Color
Hex	2F9273
RGB	47, 146, 115
RGB Percent	18%, 57%, 45%
CMY	0.8157, 0.4275, 0.5490
CMYK	0.68, 0.00, 0.21, 0.43
HSL	161°, 51%, 38%
HSV	161°, 68%, 57%
XYZ	14.5457, 22.3999, 19.7766
YIQ	112.8650, -49.0530, -30.6290

Conversions

Conversions Part 2

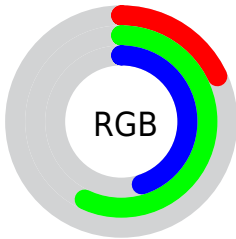
Format	Color
RYB	47, 106, 146
Decimal	3117683
CIELab	54.45, -36.21, 8.20
CIELCh	54, 37.130, 167.243
Yxy	22.3999, 0.2564, 0.3949
Android (android.graphics.Color)	4281307763 (0xFF2F9273)
YUV	112.8650, 1.0526, -57.7636
Hunter-Lab	47.3285, -27.9658, 8.3552

Details

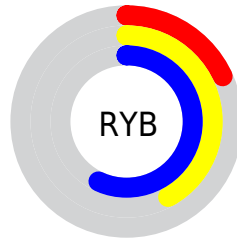
The YUV color **112.8650, 1.0526, -57.7636** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **80.1350, -1.0526, 57.7636**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4200, -0.7001, -55.6193**, and **63.4030, 1.7733, -55.6044** is the 20% darker color. If you saturate the color by 10%, you get **107.8100, 1.0797, -66.4854**, and if you desaturate by 10%, it is **117.9200, 1.0254, -49.0418**.

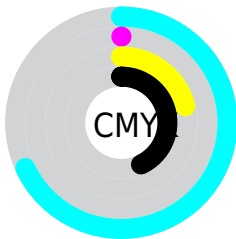
Distribution



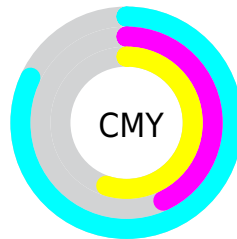
- Red (18%)
- Green (57%)
- Blue (45%)



- Red (18%)
- Yellow (42%)
- Blue (57%)



- Cyan (68%)
- Magenta (0%)
- Yellow (21%)
- Black (43%)



- Cyan (82%)
- Magenta (43%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.8650, 1.0526, -57.7636 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 112.8650, 1.0526, -57.7636 by changing the saturation by 10% instead.

■ 112.8650, 1.0526,
-57.7636

■ 112.8650, 1.0526,
-57.7636

■ 255.0000, 0.0000,
0.0000

■ 81.2980, 4.2901,
-69.5443

■ 168.4200, -0.7001,
-55.6193

■ 63.4030, 1.7733,
-55.6044

■ 196.3060, -1.1369,
-55.5194

■ 46.2200, -0.6015,
-40.5349

■ 223.4310, -0.7055,
-53.8750

■ 30.3250, -3.1182,
-26.5950

■ 235.1090, 7.8343,
-39.5606

■ 14.0880, -6.9454,
-12.3552

■ 244.2360, 5.3067,
-22.1320

■ 0.0000, 0.0000,
0.0000

■ 253.2060, 0.8844,

-3.6887

■ 112.8650, 1.0526,
-57.7636

■ 112.8650, 1.0526,
-57.7636

■ 107.8100, 1.0797,
-66.4854

■ 117.9200, 1.0254,
-49.0418

■ 103.1680, 1.3962,
-74.6923

■ 122.5620, 0.7089,
-40.8349

■ 98.1130, 1.4233,
-83.4141

■ 127.6170, 0.6818,
-32.1131

■ 97.1020, 1.4287,
-85.1585

■ 132.2590, 0.3653,
-23.9061

■ 137.3140, 0.3382,
-15.1844

■ 142.2550, -0.1257,
-6.3626

■ 147.0110, -0.0054,
1.7444

■ 152.0660, -0.0325,
10.4661

■ 156.7080, -0.3490,
18.6731

Harmonies

Analogous

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



121.4490, -17.9694, -23.1958



112.8650, 1.0526, -57.7636



103.1610, 22.1056, -90.4722

Triad

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



112.8650, 1.0526, -57.7636



129.8110, 30.1662, -15.6202



130.0370, -22.6962, 46.4486

Complementary

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



112.8650, 1.0526, -57.7636



80.1350, -1.0526, 57.7636

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.



131.9250, -9.3300, 52.6858



112.8650, 1.0526, -57.7636



133.9850, 19.7274, 19.3072

Square

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



112.8650, 1.0526, -57.7636



116.0500, 37.4433, -63.1879



133.4690, 5.6848, 43.4387



128.8640, -30.4990, 29.0603

Rectangle

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



112.8650, 1.0526, -57.7636



104.8540, 31.1310, -91.9570



133.4690, 5.6848, 43.4387



130.7970, -18.6339, 50.1670

Sweetspot

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



112.8650, 1.0526, -57.7636



176.2700, 0.3599, -22.1618



114.3820, -33.2193, -31.9070



86.6240, 0.1854, -12.8252



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



112.8650, 1.0526, -57.7636



137.7810, 1.5870, -89.2619



105.8330, 19.8023, -51.5965



71.6790, 0.1583, -4.1035



91.8360, 1.5599, -80.5402



6.6680, 0.1637, -5.8478

Inverse Universe

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



80.1350, -1.0526, 57.7636



87.2190, -1.5870, 89.2619



87.1670, -19.8023, 51.5965



69.3210, -0.1583, 4.1035



46.1640, -1.5599, 80.5402



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 112.8650, 1.0526, -57.7636 looks on a white 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

Black Background



This preview shows how the YUV color 112.8650, 1.0526, -57.7636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

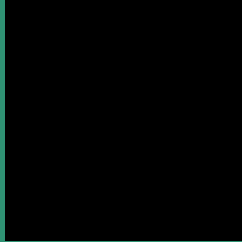
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.8650, 1.0526, -57.7636

Background



This preview shows how black text looks on a background with the YUV color 112.8650, 1.0526, -57.7636.



This preview shows how white text looks on a background with the YUV color 112.8650, 1.0526, -57.7636.

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

112.8650, 1.0526, -57.7636

Protanopia

128.8840, -10.7888, 7.1177

Deuteranopia

130.4100, -5.1321, 12.7954



Tritanopia

118.9320, 16.3025, -49.0524

Trichromacy



Original Color

112.8650, 1.0526, -57.7636

Protanomaly

122.8810, -6.3503, -16.5586

Deuteranomaly

124.1140, -3.0142, -13.2550

Tritanomaly

116.8300, 10.9298, -52.4709

Monochromacy



Original Color

112.8650, 1.0526, -57.7636

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9820, 0.5019, -21.0322

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.8650, 1.0526, -57.7636 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(47, 146, 115)` looks like.

```
.text, #text, p{  
    color:rgb(47, 146, 115)  
}
```

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(47, 146, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 146, 115) }
```

Border

The CSS property to change the border of an element to YUV 112.8650, 1.0526, -57.7636 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(47, 146, 115) }
```


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

```
.border{ border-color:rgb(47, 146, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 146, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 146, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 146, 115);  
box-shadow:4px 4px 4px 4px rgb(47, 146,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 112.8650, 1.0526, -57.7636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 146, 115) }
```

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

```
.background{ background-color: rgb(47, 146,  
115) }
```

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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