

Converting Colors

YUV(66.3020, 15.1341,
-47.6229)

Have a look what the booklet for
YUV(66.3020, 15.1341, -47.6229)
contains.

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Color

**YUV(66.3020, 15.1341,
-47.6229)**

Conversions

Conversions Part 1

Format	Color
Hex	0C5861
RGB	12, 88, 97
RGB Percent	5%, 35%, 38%
CMY	0.9529, 0.6549, 0.6196
CMYK	0.88, 0.09, 0.00, 0.62
HSL	186°, 78%, 21%
HSV	186°, 88%, 38%
XYZ	5.7990, 7.9207, 12.5325
YIQ	66.3020, -48.1850, -13.3130

Conversions

Conversions Part 2

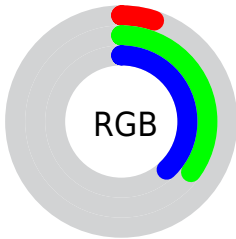
Format	Color
R_{YB}	12, 52, 97
Decimal	809057
CIE Lab	33.82, -17.89, -11.40
CIE LCh	34, 21.212, 212.494
Yxy	7.9207, 0.2209, 0.3017
Android (android.graphics.Color)	4278999137 (0xFF0C5861)
YUV	66.3020, 15.1341, -47.6229
Hunter-Lab	28.1437, -12.4715, -6.7014

Details

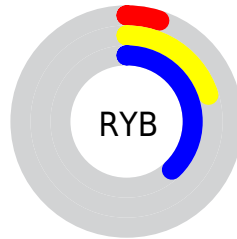
The YUV color **66.3020, 15.1341, -47.6229** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **42.6980, -15.1341, 47.6229**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.0040, 13.8020, -40.3455**, and **30.4680, 10.1223, -26.7204** is the 20% darker color. If you saturate the color by 10%, you get **62.7250, 16.8976, -53.2558**, and if you desaturate by 10%, it is **69.8790, 13.3707, -41.9899**.

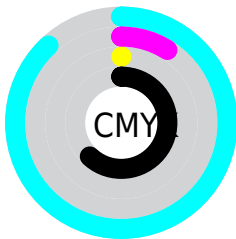
Distribution



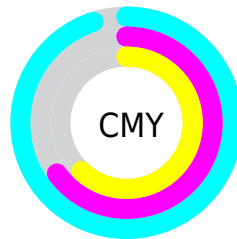
- Red (5%)
- Green (35%)
- Blue (38%)



- Red (5%)
- Yellow (20%)
- Blue (38%)



- Cyan (88%)
- Magenta (9%)
- Yellow (0%)
- Black (62%)



- Cyan (95%)
- Magenta (65%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.3020, 15.1341, -47.6229 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 66.3020, 15.1341, -47.6229 by changing the saturation by 10% instead.

66.3020, 15.1341,
-47.6229

66.3020, 15.1341,
-47.6229

255.0000, 0.0000,
0.0000

45.8900, 13.3652,
-40.2455

120.0040, 13.8020,
-40.3455

30.4680, 10.1223,
-26.7204

146.8900, 13.3652,
-40.2455

16.9210, 6.4479,
-14.8397

174.0040, 13.8020,
-40.3455

0.2280, 0.8736,
-0.2000

201.7050, 13.9494,
-40.9603

0.0000, 0.0000,
0.0000

229.3630, 12.6390,
-40.6604

242.1430, 6.3385,

-26.4354

■ 250.8140, 2.0637,
-8.6069

■ 66.3020, 15.1341,
-47.6229

■ 66.3020, 15.1341,
-47.6229

■ 62.7250, 16.8976,
-53.2558

■ 69.8790, 13.3707,
-41.9899

■ 62.1270, 17.1924,
-54.4854

■ 73.1570, 11.7546,
-36.9717

■ 76.7340, 9.9911,
-31.3387

■ 80.3110, 8.2277,
-25.7057

■ 83.8880, 6.4642,
-20.0728

■ 87.1660, 4.8482,
-15.0546

■ 90.7430, 3.0847,
-9.4216

■ 94.3200, 1.3212,
-3.7886

■ 97.5980, -0.2948,
1.2296

Harmonies

Analogous

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



70.0340, 4.9132, -35.9868



66.3020, 15.1341, -47.6229



70.9920, 18.7379, -36.8270

Triad

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



66.3020, 15.1341, -47.6229



81.8310, 6.4923, 17.6882



78.2280, -15.8884, 9.4470

Complementary

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



66.3020, 15.1341, -47.6229



42.6980, -15.1341, 47.6229

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.



79.3480, -14.4686, 20.7428



66.3020, 15.1341, -47.6229



80.9370, -0.9549, 26.3653

Square

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



66.3020, 15.1341, -47.6229



81.1540, 13.2351, 1.6189



80.1730, -8.9593, 27.0353



76.6500, -12.6455, -4.0781

Rectangle

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



66.3020, 15.1341, -47.6229



75.3680, 18.5526, -24.0017



80.1730, -8.9593, 27.0353



78.8480, -16.1941, 14.1653

Sweetspot

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



66.3020, 15.1341, -47.6229



113.3720, 5.7326, -18.7432



62.8070, -21.1039, -44.5577



56.8460, 3.5269, -11.2659



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



66.3020, 15.1341, -47.6229



79.9940, 22.1880, -70.1547



41.6480, 27.2885, -26.0013



46.8040, 0.5896, -2.4591



71.4680, 19.9823, -62.6774



152.9780, 42.9018, -134.1617

Inverse Universe

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



46.0790, 20.6671, 44.6577



50.1430, 30.4955, 65.6496



67.3520, -27.2885, 26.0013



45.6520, 1.1576, 2.0592



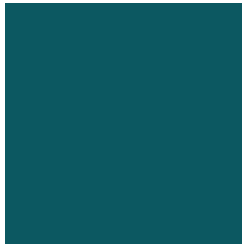
44.8880, 27.1702, 58.8572



96.1560, 58.0971, 126.1512

Previews

White Background



This preview shows how the YUV color 66.3020, 15.1341, -47.6229 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 YUV color 66.3020, 15.1341, -47.6229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

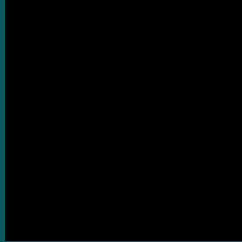
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.3020, 15.1341, -47.6229

Background



This preview shows how black text looks on a background with the YUV color 66.3020, 15.1341, -47.6229.



This preview shows how white text looks on a background with the YUV color 66.3020, 15.1341,

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

66.3020, 15.1341, -47.6229

Protanopia

79.7700, 5.5364, -2.4293

Deuteranopia

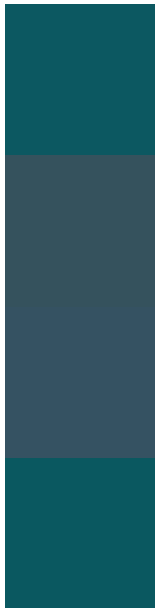
80.0950, 9.3202, -2.7143



Tritanopia

65.1770, 14.7027, -49.2672

Trichromacy



Original Color

66.3020, 15.1341, -47.6229

Protanomaly

74.5830, 9.0796, -18.9283

Deuteranomaly

75.1530, 11.2636, -19.4282

Tritanomaly

65.5900, 14.9921, -48.7524

Monochromacy



Original Color

66.3020, 15.1341, -47.6229

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.9700, 5.4378, -17.5137

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.3020, 15.1341, -47.6229 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(12, 88, 97)` looks like.

```
.text, #text, p{  
    color:rgb(12, 88, 97)  
}
```

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(12, 88, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 88, 97) }
```

Border

The CSS property to change the border of an element to YUV 66.3020, 15.1341, -47.6229 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(12, 88, 97) }
```


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

```
.border{ border-color:rgb(12, 88, 97) }
```

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

Here you see how a box with a 4 pixel rgb(12, 88, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 88, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 88, 97);  
box-shadow:4px 4px 4px 4px rgb(12, 88, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.3020, 15.1341, -47.6229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 88, 97) }
```

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

```
.background{ background-color: rgb(12, 88,  
97) }
```

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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