

Converting Colors

YUV(66.7290, 7.5286, -34.8423)

Have a look what the booklet for
YUV(66.7290, 7.5286, -34.8423)
contains.

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Color

**YUV(66.7290, 7.5286,
-34.8423)**

Conversions

Conversions Part 1

Format	Color
Hex	1B5452
RGB	27, 84, 82
RGB Percent	11%, 33%, 32%
CMY	0.8941, 0.6706, 0.6784
CMYK	0.68, 0.00, 0.02, 0.67
HSL	178°, 51%, 22%
HSV	178°, 68%, 33%
XYZ	5.1453, 7.1829, 9.0979
YIQ	66.7290, -33.3300, -12.7060

Conversions

Conversions Part 2

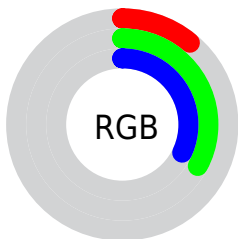
Format	Color
R_{YB}	27, 56, 84
Decimal	1791058
CIE _{Lab}	32.22, -18.70, -4.30
CIE _{LCh}	32, 19.186, 192.947
Yxy	7.1829, 0.2401, 0.3352
Android (android.graphics.Color)	4279981138 (0xFF1B5452)
YUV	66.7290, 7.5286, -34.8423
Hunter-Lab	26.8008, -12.6325, -1.3661

Details

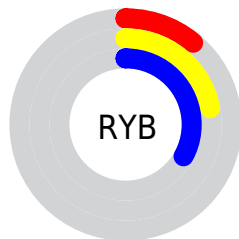
The YUV color **66.7290, 7.5286, -34.8423** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **44.2710, -7.5286, 34.8423**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.2130, 6.7970, -33.5128**, and **26.5240, 5.1647, -23.2615** is the 20% darker color. If you saturate the color by 10%, you get **64.3370, 8.7079, -39.7605**, and if you desaturate by 10%, it is **69.1210, 6.3493, -29.9241**.

Distribution



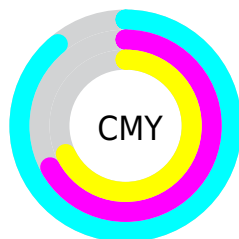
- Red (11%)
- Green (33%)
- Blue (32%)



- Red (11%)
- Yellow (22%)
- Blue (33%)



- Cyan (68%)
- Magenta (0%)
- Yellow (2%)
- Black (67%)



- Cyan (89%)
- Magenta (67%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.7290, 7.5286, -34.8423 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 66.7290, 7.5286, -34.8423 by changing the saturation by 10% instead.

66.7290, 7.5286,
-34.8423

66.7290, 7.5286,
-34.8423

255.0000, 0.0000,
0.0000

42.5330, 8.1182,
-37.3014

117.2130, 6.7970,
-33.5128

26.5240, 5.1647,
-23.2615

143.2130, 6.7970,
-33.5128

10.7430, 3.0847,
-9.4216

169.9140, 6.9444,
-34.1276

0.0000, 0.0000,
0.0000

197.9140, 6.9444,
-34.1276

226.2020, 6.8024,
-35.2572

242.7410, 6.0437,

-25.2059

251.4120, 1.7689,
-7.3773

66.7290, 7.5286,
-34.8423

66.7290, 7.5286,
-34.8423

64.3370, 8.7079,
-39.7605

69.1210, 6.3493,
-29.9241

61.5320, 9.5977,
-45.1936

71.9260, 5.4595,
-24.4911

59.1400, 10.7770,
-50.1118

74.3180, 4.2802,
-19.5729

58.5420, 11.0718,
-51.3413

77.0090, 2.9536,
-14.0399

79.4010, 1.7743,
-9.1217

■ 81.9070, 1.0318,
-4.3034

■ 84.5980, -0.2948,
1.2296

■ 86.9900, -1.4741,
6.1478

■ 89.7950, -2.3639,
11.5808

Harmonies

Analogous

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



69.4010, -1.6767, -22.2767



66.7290, 7.5286, -34.8423



66.5420, 14.5228, -38.1863

Triad

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



66.7290, 7.5286, -34.8423



77.9760, 9.8718, 7.0370



75.7280, -14.1629, 16.0245

Complementary

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



66.7290, 7.5286, -34.8423



44.2710, -7.5286, 34.8423

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.



76.5100, -10.1114, 23.2317



66.7290, 7.5286, -34.8423



77.7450, 3.5767, 19.5176

Square

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



66.7290, 7.5286, -34.8423



75.4300, 14.5780, -9.1471



77.2420, -3.5703, 25.2208



74.3630, -13.9830, 4.9436

Rectangle

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



66.7290, 7.5286, -34.8423



69.3410, 16.1009, -30.9941



77.2420, -3.5703, 25.2208



75.6790, -13.1527, 18.6985

Sweetspot

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



66.7290, 7.5286, -34.8423



103.3080, 2.8062, -13.4251



61.3560, -16.9375, -27.4992



52.1130, 1.9163, -7.9921



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



66.7290, 7.5286, -34.8423



83.0470, 11.8088, -54.4152



51.6950, 15.9264, -21.6575



39.8040, 0.5896, -2.4591



73.1490, 13.7305, -64.1517



161.7200, 30.7040, -141.8284

Inverse Universe

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



44.2710, -7.5286, 34.8423



47.9530, -11.8088, 54.4152



59.3050, -15.9264, 21.6575



38.1960, -0.5896, 2.4591



31.8510, -13.7305, 64.1517



70.2800, -30.7040, 141.8284

Previews

White Background



This preview shows how the YUV color 66.7290, 7.5286, -34.8423 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 66.7290, 7.5286, -34.8423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

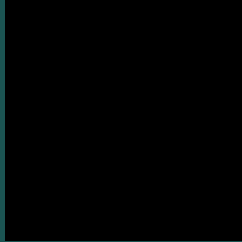
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.7290, 7.5286, -34.8423

Background



This preview shows how black text looks on a background with the YUV color 66.7290, 7.5286, -34.8423.



This preview shows how white text looks on a background with the YUV color 66.7290, 7.5286, -34.8423.

-34.8423.

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

66.7290, 7.5286, -34.8423

Protanopia

75.8260, 0.5788, 1.0296

Deuteranopia

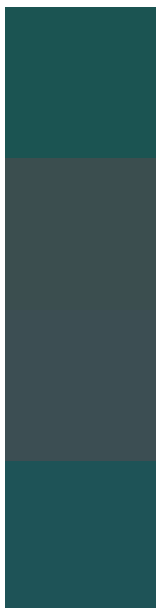
76.6350, 3.6309, 2.0741



Tritanopia

68.2500, 10.7227, -32.6683

Trichromacy



Original Color

66.7290, 7.5286, -34.8423

Protanomaly

72.4330, 3.2375, -11.7807

Deuteranomaly

73.1880, 4.8373, -11.5659

Tritanomaly

67.6090, 9.5598, -32.9831

Monochromacy



Original Color

66.7290, 7.5286, -34.8423

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.6070, 2.6587, -12.8103

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.7290, 7.5286, -34.8423 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(27, 84, 82)` looks like.

```
.text, #text, p{  
    color:rgb(27, 84, 82)  
}
```

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(27, 84, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 84, 82) }
```

Border

The CSS property to change the border of an element to YUV 66.7290, 7.5286, -34.8423 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(27, 84, 82) }
```


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

```
.border{ border-color:rgb(27, 84, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 84, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 84, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 84, 82);  
box-shadow:4px 4px 4px 4px rgb(27, 84, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.7290, 7.5286, -34.8423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 84, 82) }
```

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

```
.background{ background-color: rgb(27, 84,  
82) }
```

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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