

Converting Colors

YUV(63.8220, -13.7162,
-34.0469)

Have a look what the booklet for
YUV(63.8220, -13.7162, -34.0469)
contains.

YUV(63.8220, -13.7162, -34.0469)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(63.8220, -13.7162,
-34.0469)**

Conversions

Conversions Part 1

Format	Color
Hex	195924
RGB	25, 89, 36
RGB Percent	10%, 35%, 14%
CMY	0.9020, 0.6510, 0.8588
CMYK	0.72, 0.00, 0.60, 0.65
HSL	130°, 56%, 22%
HSV	130°, 72%, 35%
XYZ	4.2917, 7.4788, 2.8864
YIQ	63.8220, -21.1310, -30.0510

Conversions

Conversions Part 2

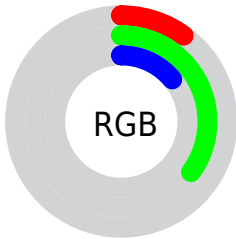
Format	Color
R_{YB}	25, 80, 89
Decimal	1661220
CIE _{Lab}	32.87, -32.61, 24.63
CIE _{LCh}	33, 40.868, 142.939
Yxy	7.4788, 0.2928, 0.5103
Android (android.graphics.Color)	4279851300 (0xFF195924)
YUV	63.8220, -13.7162, -34.0469
Hunter-Lab	27.3474, -19.8454, 12.8853

Details

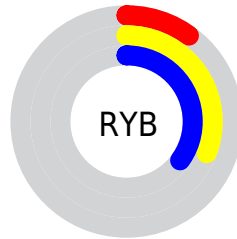
The YUV color **63.8220, -13.7162, -34.0469** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **50.1780, 13.7162, 34.0469**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.8500, -16.1950, -32.3174**, and **24.6540, -12.1544, -21.6216** is the 20% darker color. If you saturate the color by 10%, you get **60.3330, -15.4472, -38.8800**, and if you desaturate by 10%, it is **67.3110, -11.9853, -29.2137**.

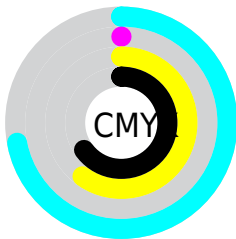
Distribution



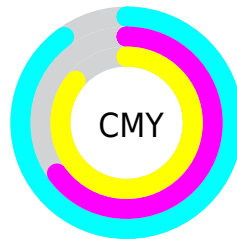
- Red (10%)
- Green (35%)
- Blue (14%)



- Red (10%)
- Yellow (31%)
- Blue (35%)



- Cyan (72%)
- Magenta (0%)
- Yellow (60%)
- Black (65%)



- Cyan (90%)
- Magenta (65%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.8220, -13.7162, -34.0469 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 63.8220, -13.7162, -34.0469 by changing the saturation by 10% instead.

■ 63.8220, -13.7162,
-34.0469

■ 63.8220, -13.7162,
-34.0469

255.0000, 0.0000,
0.0000

■ 39.7510, -12.6952,
-34.8616

■ 114.8500,
-16.1950, -32.3174

■ 24.6540, -12.1544,
-21.6216

■ 140.7360,
-16.6318, -32.2175

■ 10.5660, -5.2090,
-9.2664

■ 167.7960,
-17.6474, -33.1471

■ 0.0000, 0.0000,
0.0000

■ 195.6820,
-18.0842, -33.0471

■ 223.8560,
-18.6630, -34.0767

■ 238.0670,

-11.8650, -21.1068

249.6310, -3.7621,
-6.6924

63.8220, -13.7162,
-34.0469

63.8220, -13.7162,
-34.0469

60.3330, -15.4472,
-38.8800

67.3110, -11.9853,
-29.2137

56.7300, -17.6149,
-43.6132

70.9140, -9.8176,
-24.4806

53.9530, -19.2038,
-47.3168

74.4030, -8.0867,
-19.6474

77.8920, -6.3558,
-14.8143

81.4950, -4.1880,
-10.0811

■ 84.6850, -2.3097,
-5.8627

■ 88.2880, -0.1420,
-1.1296

■ 91.7770, 1.5889,
3.7036

■ 95.2660, 3.3199,
8.5367

Harmonies

Analogous

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



70.2640, -30.6962, -1.1085



63.8220, -13.7162, -34.0469



61.7560, 3.0783, -54.1600

Triad

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



63.8220, -13.7162, -34.0469



64.7950, 37.5691, -56.8252



74.6970, -10.2036, 52.8857

Complementary

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



63.8220, -13.7162, -34.0469



50.1780, 13.7162, 34.0469

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.



75.9750, 4.9423, 48.2569



63.8220, -13.7162, -34.0469



76.4200, 29.8659, -12.6463

Square

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



63.8220, -13.7162, -34.0469



67.4220, 29.8650, -59.1291



79.3880, 18.5427, 25.9697



74.9610, -24.1378, 42.1302

Rectangle

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



63.8220, -13.7162, -34.0469



64.3780, 13.1246, -56.4595



79.3880, 18.5427, 25.9697



74.7770, -4.8201, 52.8156

Sweetspot

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



63.8220, -13.7162, -34.0469



105.1310, -5.4876, -13.2699



78.4150, -26.3336, -0.3640



52.7340, -3.3199, -8.5367



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



63.8220, -13.7162, -34.0469



76.0510, -21.2241, -52.6647



67.4700, 0.2613, -37.2462



41.4620, -0.7208, -2.1592



64.8610, -23.1025, -56.8831



142.5050, -50.5350, -124.9769

Inverse Universe

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



50.1780, 13.7162, 34.0469



54.9490, 21.2241, 52.6647



46.5300, -0.2613, 37.2462



40.6520, 1.1576, 2.0592



42.1390, 23.1025, 56.8831



92.3810, 50.0982, 125.0769

Previews

White Background



This preview shows how the YUV color 63.8220, -13.7162, -34.0469 looks on a white background.

Color Contrast Check

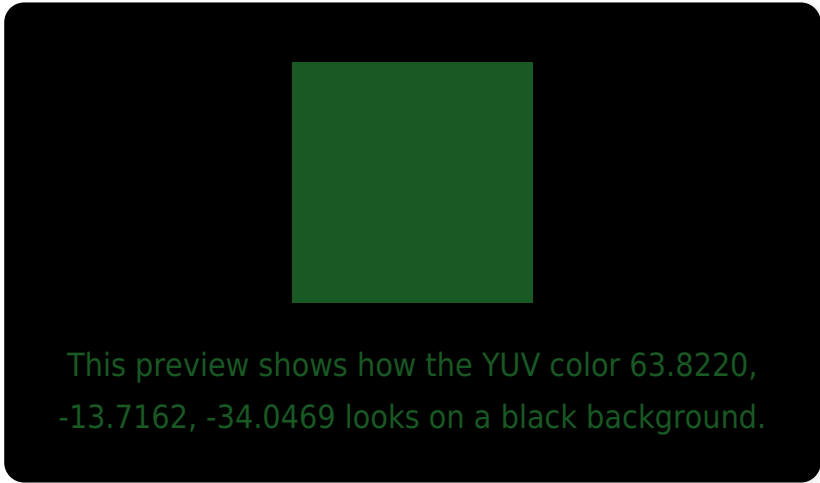
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 63.8220, -13.7162, -34.0469

Background



This preview shows how black text looks on a background with the YUV color 63.8220, -13.7162, -34.0469.



This preview shows how white text looks on a background with the YUV color 63.8220, -13.7162,

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

63.8220, -13.7162, -34.0469

Protanopia

74.5610, -20.9826, 10.0320

Deuteranopia

75.8160, -17.6573, 16.8244



Tritanopia

71.5390, 9.1013, -25.9057

Trichromacy



Original Color

63.8220, -13.7162, -34.0469

Protanomaly

70.4450, -18.4604, -5.6523

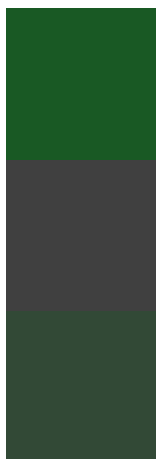
Deuteranomaly

71.7490, -16.1453, -1.5339

Tritanomaly

68.6390, 0.6710, -28.6244

Monochromacy



Original Color

63.8220, -13.7162, -34.0469

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.9570, -4.9088, -12.2403

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.8220, -13.7162, -34.0469 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(25, 89, 36)` looks like.

```
.text, #text, p{  
    color:rgb(25, 89, 36)  
}
```

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(25, 89, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 89, 36) }
```

Border

The CSS property to change the border of an element to YUV 63.8220, -13.7162, -34.0469 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(25, 89, 36) }
```


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

```
.border{ border-color:rgb(25, 89, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 89, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 89, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 89, 36);  
box-shadow:4px 4px 4px 4px rgb(25, 89, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.8220, -13.7162, -34.0469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 89, 36) }
```

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

```
.background{ background-color: rgb(25, 89,  
36) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor