

Converting Colors

YUV(67.6520, -9.1954, -37.4058)

Have a look what the booklet for
YUV(67.6520, -9.1954, -37.4058)
contains.

YUV(67.6520, -9.1954, -37.4058)	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(67.6520, -9.1954,
-37.4058)**

Conversions

Conversions Part 1

Format	Color
Hex	195D31
RGB	25, 93, 49
RGB Percent	10%, 36%, 19%
CMY	0.9020, 0.6353, 0.8078
CMYK	0.73, 0.00, 0.47, 0.64
HSL	141°, 58%, 23%
HSV	141°, 73%, 36%
XYZ	4.8696, 8.2571, 4.2429
YIQ	67.6520, -26.4040, -28.1000

Conversions

Conversions Part 2

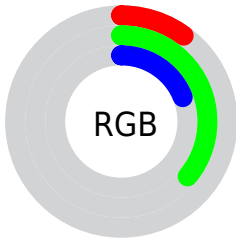
Format	Color
R_{YB}	25, 75, 93
Decimal	1662257
CIE _{Lab}	34.51, -32.02, 19.29
CIE _{LCh}	35, 37.382, 148.941
Yxy	8.2571, 0.2804, 0.4754
Android (android.graphics.Color)	4279852337 (0xFF195D31)
YUV	67.6520, -9.1954, -37.4058
Hunter-Lab	28.7352, -20.0370, 11.3603

Details

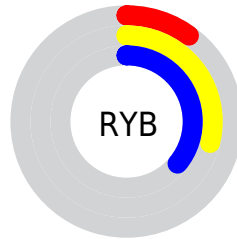
The YUV color **67.6520, -9.1954, -37.4058** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **50.3480, 9.1954, 37.4058**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.0930, -11.3848, -35.1616**, and **27.3440, -12.0016, -23.9807** is the 20% darker color. If you saturate the color by 10%, you get **64.2770, -10.4896, -42.3389**, and if you desaturate by 10%, it is **71.0270, -7.9013, -32.4727**.

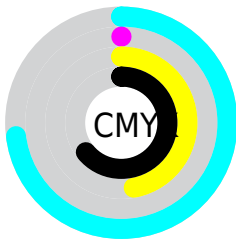
Distribution



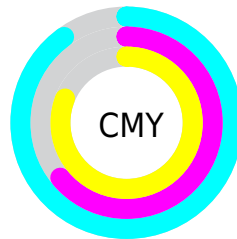
- Red (10%)
- Green (36%)
- Blue (19%)



- Red (10%)
- Yellow (29%)
- Blue (36%)



- Cyan (73%)
- Magenta (0%)
- Yellow (47%)
- Black (64%)



- Cyan (90%)
- Magenta (64%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.6520, -9.1954, -37.4058 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 67.6520, -9.1954, -37.4058 by changing the saturation by 10% instead.

■ 67.6520, -9.1954,
-37.4058

■ 67.6520, -9.1954,
-37.4058

255.0000, 0.0000,
0.0000

■ 43.5810, -8.1744,
-38.2205

■ 119.0930,
-11.3848, -35.1616

■ 27.3440, -12.0016,
-23.9807

■ 145.5660,
-12.1110, -35.5764

■ 14.0880, -6.9454,
-12.3552

■ 172.1530,
-12.4004, -36.0912

■ 0.0000, 0.0000,
0.0000

■ 200.2130,
-13.4160, -37.0208

■ 228.2130,
-13.4160, -37.0208

■ 239.7770, -5.3131,

-22.6064

251.4120, 1.7689,
-7.3773

67.6520, -9.1954,
-37.4058

67.6520, -9.1954,
-37.4058

64.2770, -10.4896,
-42.3389

71.0270, -7.9013,
-32.4727

60.6030, -11.6363,
-47.8868

74.7010, -6.7546,
-26.9248

58.3530, -12.4990,
-51.1756

78.0760, -5.4605,
-21.9917

81.4510, -4.1663,
-17.0585

85.1250, -3.0196,
-11.5106

■ 88.5000, -1.7255,
-6.5775

■ 91.8750, -0.4314,
-1.6444

■ 95.2500, 0.8628,
3.2887

■ 98.9240, 2.0095,
8.8367

Harmonies

Analogous

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



74.8380, -24.5701, -5.9969



67.6520, -9.1954, -37.4058



64.7710, 7.0149, -56.8042

Triad

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



67.6520, -9.1954, -37.4058



65.9690, 36.9903, -57.8548



79.6810, -12.6607, 47.6378

Complementary

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



67.6520, -9.1954, -37.4058



50.3480, 9.1954, 37.4058

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.



80.9270, 1.0220, 45.6680



67.6520, -9.1954, -37.4058



82.5200, 24.8866, -2.2100

Square

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



67.6520, -9.1954, -37.4058



69.0520, 31.0334, -60.5586



83.2590, 14.1693, 28.7139



79.5150, -24.4109, 36.3823

Rectangle

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



67.6520, -9.1954, -37.4058



67.7520, 15.8983, -59.4185



83.2590, 14.1693, 28.7139



79.9460, -7.8614, 48.2824

Sweetspot

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



67.6520, -9.1954, -37.4058



109.9890, -3.4456, -14.8994



78.0720, -26.1645, -7.9561



55.0760, -2.0095, -8.8367



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



67.6520, -9.1954, -37.4058



80.5540, -14.0771, -58.3679



71.5280, 5.6557, -40.8051



44.1630, -0.5734, -2.7740



69.0160, -14.7979, -60.5270



148.6950, -31.8946, -130.4055

Inverse Universe

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



50.3480, 9.1954, 37.4058



53.5600, 14.5139, 58.2679



46.4720, -5.6557, 40.8051



42.8370, 0.5734, 2.7740



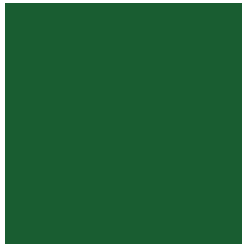
40.9840, 14.7979, 60.5270



88.3050, 31.8946, 130.4055

Previews

White Background



This preview shows how the YUV color 67.6520, -9.1954, -37.4058 looks on a white background.

Color Contrast Check

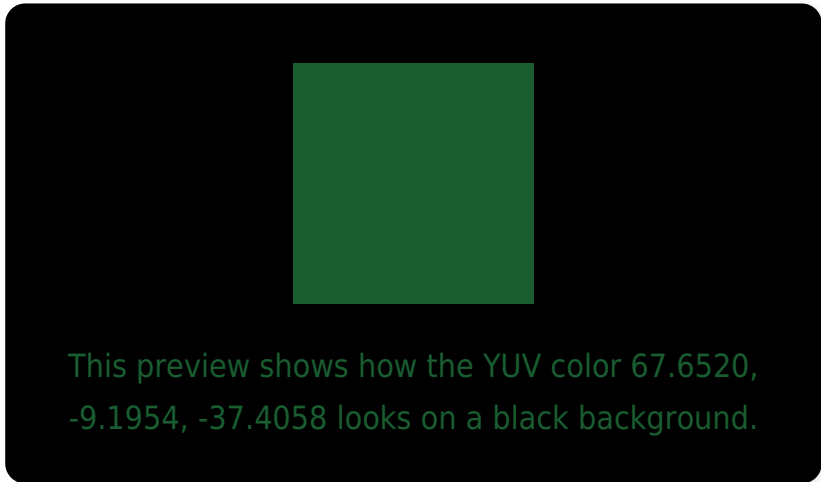
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.6520, -9.1954, -37.4058

Background



This preview shows how black text looks on a background with the YUV color 67.6520, -9.1954, -37.4058.



This preview shows how white text looks on a background with the YUV color 67.6520, -9.1954,

-37.4058.

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

67.6520, -9.1954, -37.4058

Protanopia

79.2880, -16.9040, 8.5174

Deuteranopia

80.2440, -13.4313, 14.6950



Tritanopia

75.0440, 9.8383, -28.9796

Trichromacy



Original Color

67.6520, -9.1954, -37.4058

Protanomaly

74.8730, -14.2344, -7.7816

Deuteranomaly

75.8780, -11.7719, -4.2780

Tritanomaly

72.4860, 2.7184, -31.9982

Monochromacy



Original Color

67.6520, -9.1954, -37.4058

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.7010, -3.3036, -13.7698

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.6520, -9.1954, -37.4058 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, 93, 49)` looks like.

```
.text, #text, p{  
    color:rgb(25, 93, 49)  
}
```

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, 93, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 93, 49) }
```

Border

The CSS property to change the border of an element to YUV 67.6520, -9.1954, -37.4058 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, 93, 49) }
```


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

```
.border{ border-color:rgb(25, 93, 49) }
```

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

Here you see how a box with a 4 pixel rgb(25, 93, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 93, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 93, 49);  
box-shadow:4px 4px 4px 4px rgb(25, 93, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.6520, -9.1954, -37.4058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 93, 49) }
```

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

```
.background{ background-color: rgb(25, 93,  
49) }
```

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