

Converting Colors

YUV(67.4090, -20.4146,
14.5503)

Have a look what the booklet for
YUV(67.4090, -20.4146, 14.5503)
contains.

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Color

**YUV(67.4090, -20.4146,
14.5503)**

Conversions

Conversions Part 1

Format	Color
Hex	54431A
RGB	84, 67, 26
RGB Percent	33%, 26%, 10%
CMY	0.6706, 0.7373, 0.8980
CMYK	0.00, 0.20, 0.69, 0.67
HSL	42°, 53%, 22%
HSV	42°, 69%, 33%
XYZ	5.8498, 5.9737, 1.8220
YIQ	67.4090, 23.2930, -9.1470

Conversions

Conversions Part 2

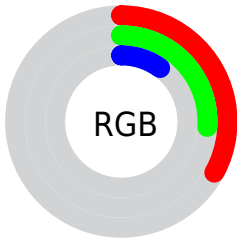
Format	Color
R_{YB}	50, 84, 26
Decimal	5522202
CIE _{Lab}	29.35, 1.95, 27.03
CIE _{LCh}	29, 27.098, 85.866
Yxy	5.9737, 0.4287, 0.4378
Android (android.graphics.Color)	4283712282 (0xFF54431A)
YUV	67.4090, -20.4146, 14.5503
Hunter-Lab	24.4412, -0.0498, 12.6890




Details

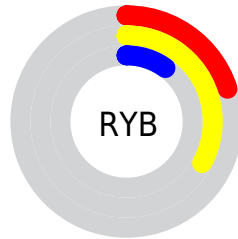
The YUV color **67.4090, -20.4146, 14.5503** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **42.5910, 20.4146, -14.5503**, and the grayscale version is **68.0000, 0.0000, 0.0000**.



A 20% lighter version of the original color is **116.2630, -22.3147, 17.3093**, and **25.4390, -12.5414, 9.2620** is the 20% darker color. If you saturate the color by 10%, you get **65.3230, -23.3302, 16.3797**, and if you desaturate by 10%, it is **69.4950, -17.4990, 12.7209**.

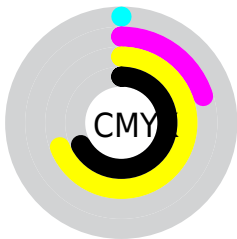
Distribution







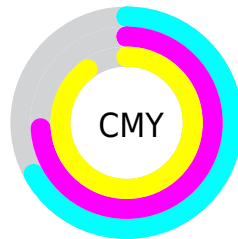
-  Red (33%)
-  Green (26%)
-  Blue (10%)






-  Red (20%)
-  Yellow (33%)
-  Blue (10%)



-  Cyan (0%)
-  Magenta (20%)
-  Yellow (69%)
-  Black (67%)



-  Cyan (67%)
-  Magenta (74%)
-  Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.4090, -20.4146, 14.5503 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 67.4090, -20.4146, 14.5503 by changing the saturation by 10% instead.

■ 67.4090, -20.4146,
14.5503

■ 67.4090, -20.4146,
14.5503

■ 255.0000, 0.0000,
0.0000

■ 44.5830, -20.9934,
13.5207

■ 116.2630,
-22.3147, 17.3093

■ 25.4390, -12.5414,
9.2620

■ 141.7470,
-23.0463, 18.6389

■ 0.0000, 0.0000,
0.0000

■ 168.6330,
-23.4831, 18.7389

■ 196.0030,
-24.6515, 20.1684

■ 224.1880,
-25.2357, 20.8831

■ 245.9090,

-22.1401, 7.9728

■ 252.0360,
-11.3567, 2.5994

■ 67.4090, -20.4146,
14.5503

■ 67.4090, -20.4146,
14.5503

■ 65.3230, -23.3302,
16.3797

■ 69.4950, -17.4990,
12.7209

■ 62.5360, -26.3932,
18.8239

■ 72.2820, -14.4360,
10.2767

■ 60.4500, -29.3088,
20.6534

■ 74.3680, -11.5204,
8.4473

■ 59.7490, -29.4563,
21.2681

■ 77.1550, -8.4574,
6.0031

■ 79.2410, -5.5418,
4.1736

■ 81.9140, -2.9156,
1.8294

■ 84.1140, 0.4368,
-0.1000

■ 86.7870, 3.0630,
-2.4442

■ 88.9870, 6.4154,
-4.3736

Harmonies

Analogous

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



68.5230, -16.5268, 27.6053



67.4090, -20.4146, 14.5503



65.1080, -17.3082, -1.8487

Triad

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



67.4090, -20.4146, 14.5503



56.8780, 14.8501, -49.8820



71.5690, 10.5655, 17.9180

Complementary

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



67.4090, -20.4146, 14.5503



42.5910, 20.4146, -14.5503

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.



70.0870, 18.1981, -3.5843



67.4090, -20.4146, 14.5503



56.9410, 22.7071, -49.9373

Square

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



67.4090, -20.4146, 14.5503



54.3700, 5.2406, -47.6825



61.1970, 24.5529, -35.2528



70.5400, 1.2128, 31.0984

Rectangle

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



67.4090, -20.4146, 14.5503



63.1110, -11.8867, -14.1293



61.1970, 24.5529, -35.2528



71.3340, 13.6393, 11.9851

Sweetspot

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



67.4090, -20.4146, 14.5503



103.2690, -8.0206, 5.9031



45.2800, -1.1240, 33.9574



52.0560, -4.9576, 3.4589



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.



67.4090, -20.4146, 14.5503



83.7770, -31.9351, 22.9976



73.8000, -23.5654, -1.5786



39.9570, -1.4578, 0.9147



74.8330, -36.8927, 26.4565



165.6360, -81.6585, 58.2012

Inverse Universe

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



42.5910, 20.4146, -14.5503



44.6360, 32.2245, -22.4828



36.2000, 23.5654, 1.5786



38.0430, 1.4578, -0.9147



30.1670, 36.8927, -26.4565



66.3640, 81.6585, -58.2012

Previews

White Background



This preview shows how the YUV color 67.4090, -20.4146, 14.5503 looks on a white background.

Color Contrast Check

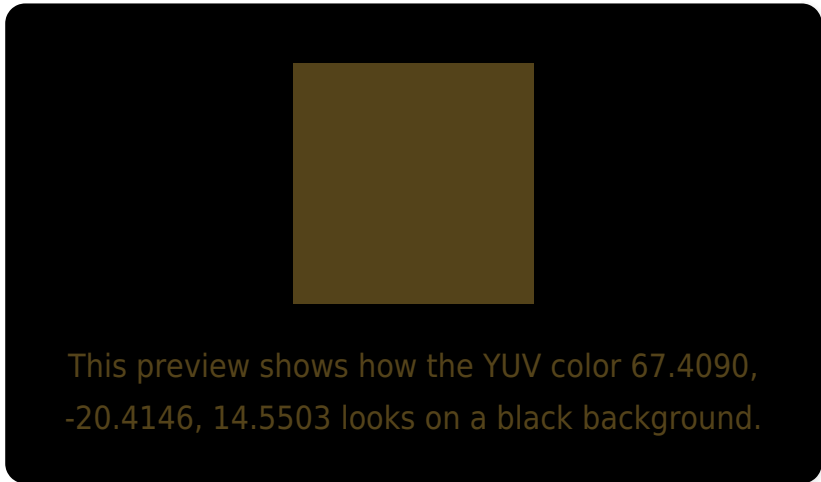
Large Text (above 18pt) WCAG AA ✓ Pass

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

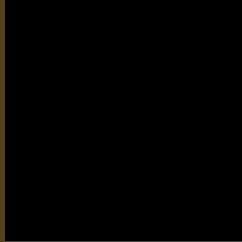
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.4090, -20.4146, 14.5503

Background



This preview shows how black text looks on a background with the YUV color 67.4090, -20.4146, 14.5503.

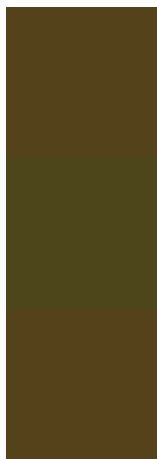


This preview shows how white text looks on a background with the YUV color 67.4090, -20.4146,

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

67.4090, -20.4146, 14.5503

Protanopia

67.1910, -19.8142, 8.6025

Deuteranopia

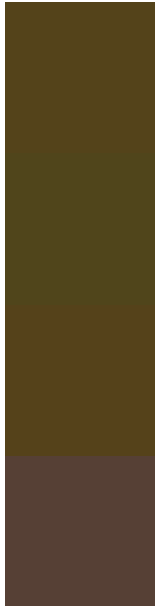
67.4200, -20.4201, 16.2947



Tritanopia

70.7460, -1.3538, 14.2548

Trichromacy



Original Color

67.4090, -20.4146, 14.5503

Protanomaly

67.5010, -19.9670, 10.9616

Deuteranomaly

67.1210, -20.2727, 15.6799

Tritanomaly

69.3240, -8.0477, 14.6249

Monochromacy



Original Color

67.4090, -20.4146, 14.5503

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0840, -7.4364, 5.1883

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.4090, -20.4146, 14.5503 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(84, 67, 26)` looks like.

```
.text, #text, p{  
    color:rgb(84, 67, 26)  
}
```

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(84, 67, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 67, 26) }
```

Border

The CSS property to change the border of an element to YUV 67.4090, -20.4146, 14.5503 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(84, 67, 26) }
```


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

```
.border{ border-color:rgb(84, 67, 26) }
```

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

Here you see how a box with a 4 pixel rgb(84, 67, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 67, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 67, 26);  
box-shadow:4px 4px 4px 4px rgb(84, 67, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.4090, -20.4146, 14.5503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 67, 26) }
```

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

```
.background{ background-color: rgb(84, 67,  
26) }
```

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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