

Converting Colors

YUV(66.5430, -20.4807,
-11.0002)

Have a look what the booklet for
YUV(66.5430, -20.4807, -11.0002)
contains.

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Color

**YUV(66.5430, -20.4807,
-11.0002)**

Conversions

Conversions Part 1

Format	Color
Hex	365119
RGB	54, 81, 25
RGB Percent	21%, 32%, 10%
CMY	0.7882, 0.6824, 0.9020
CMYK	0.33, 0.00, 0.69, 0.68
HSL	89°, 53%, 21%
HSV	89°, 69%, 32%
XYZ	4.6392, 6.7393, 1.9760
YIQ	66.5430, 1.8840, -23.1400

Conversions

Conversions Part 2

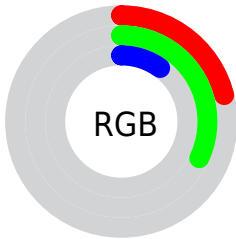
Format	Color
R_{YB}	25, 81, 52
Decimal	3559705
CIE Lab	31.21, -20.75, 28.83
CIE LCh	31, 35.520, 125.737
Yxy	6.7393, 0.3474, 0.5046
Android (android.graphics.Color)	4281749785 (0xFF365119)
YUV	66.5430, -20.4807, -11.0002
Hunter-Lab	25.9602, -13.5315, 13.6592

Details

The YUV color $[66.5430, -20.4807, -11.0002]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[39.4570, 20.4807, 11.0002]$, and the grayscale version is $[67.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[115.7880, -22.0805, -11.2151]$, and $[22.9260, -11.3025, -14.8441]$ is the 20% darker color. If you saturate the color by 10%, you get $[64.4350, -23.3855, -12.6595]$, and if you desaturate by 10%, it is $[68.6510, -17.5759, -9.3409]$.

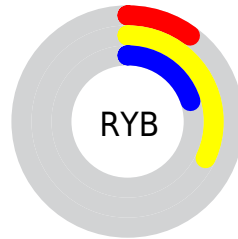
Distribution



Red (21%)

Green (32%)

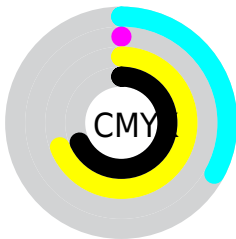
Blue (10%)



Red (10%)

Yellow (32%)

Blue (20%)

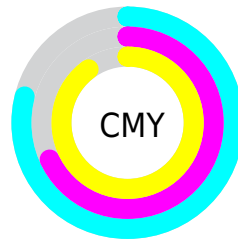


Cyan (33%)

Magenta (0%)

Yellow (69%)

Black (68%)



Cyan (79%)

Magenta (68%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.5430, -20.4807, -11.0002 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 66.5430, -20.4807, -11.0002 by changing the saturation by 10% instead.

■ 66.5430, -20.4807,
-11.0002

■ 66.5430, -20.4807,
-11.0002

255.0000, 0.0000,
0.0000

■ 43.3150, -21.3543,
-10.8003

■ 115.7880,
-22.0805, -11.2151

■ 22.9260, -11.3025,
-14.8441

■ 141.6740,
-22.5173, -11.1151

■ 4.6960, -2.3151,
-4.1184

■ 168.1470,
-23.2435, -11.5299

■ 0.0000, 0.0000,
0.0000

■ 195.0330,
-23.6803, -11.4299

■ 223.5060,
-24.4065, -11.8448

■ 244.0600,

-21.2286, -4.4376

252.1500,
-10.9200, 2.4994

66.5430, -20.4807,
-11.0002

66.5430, -20.4807,
-11.0002

64.4350, -23.3855,
-12.6595

68.6510, -17.5759,
-9.3409

62.3270, -26.2902,
-14.3188

70.7590, -14.6712,
-7.6816

60.2190, -29.1950,
-15.9781

72.8670, -11.7664,
-6.0224

60.1050, -29.6318,
-15.8781

74.9750, -8.8617,
-4.3631

77.1970, -5.5201,
-2.8038

■ 79.0060, -2.4680,
-1.7593

■ 81.1140, 0.4368,
-0.1000

■ 83.2220, 3.3416,
1.5593

■ 85.3300, 6.2463,
3.2186

Harmonies

Analogous

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



69.6230, -28.4081, 11.7316



66.5430, -20.4807, -11.0002



55.4810, -3.1951, -48.6568

Triad

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



66.5430, -20.4807, -11.0002



62.2700, 30.4329, -54.6108



72.5310, -1.7408, 45.1383

Complementary

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



66.5430, -20.4807, -11.0002



39.4570, 20.4807, 11.0002

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.



74.7710, 10.9589, 31.7728



66.5430, -20.4807, -11.0002



64.7110, 31.6945, -39.2115

Square

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



66.5430, -20.4807, -11.0002



62.4520, 20.9762, -54.7704



75.3530, 21.5180, 4.9524



72.0780, -14.8285, 42.9046

Rectangle

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



66.5430, -20.4807, -11.0002



58.8210, 4.5252, -51.5860



75.3530, 21.5180, 4.9524



73.3610, 2.7800, 41.7794

Sweetspot

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



66.5430, -20.4807, -11.0002



99.2030, -7.9881, -4.5630



57.0060, -15.7790, 21.0427



50.3110, -5.0833, -2.9037



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



66.5430, -20.4807, -11.0002



82.5240, -31.8103, -17.1225



58.4700, -16.5007, -27.5992



39.9460, -1.4524, -0.8296



77.7810, -38.3460, -20.8559



172.0640, -84.8276, -45.6601

Inverse Universe

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



39.4570, 20.4807, 11.0002



40.4760, 31.8103, 17.1225



47.5300, 16.5007, 27.5992



38.0540, 1.4524, 0.8296



26.9200, 38.4934, 20.2412



59.9360, 84.8276, 45.6601

Previews

White Background



This preview shows how the YUV color 66.5430, -20.4807, -11.0002 looks on a white background.

Color Contrast Check

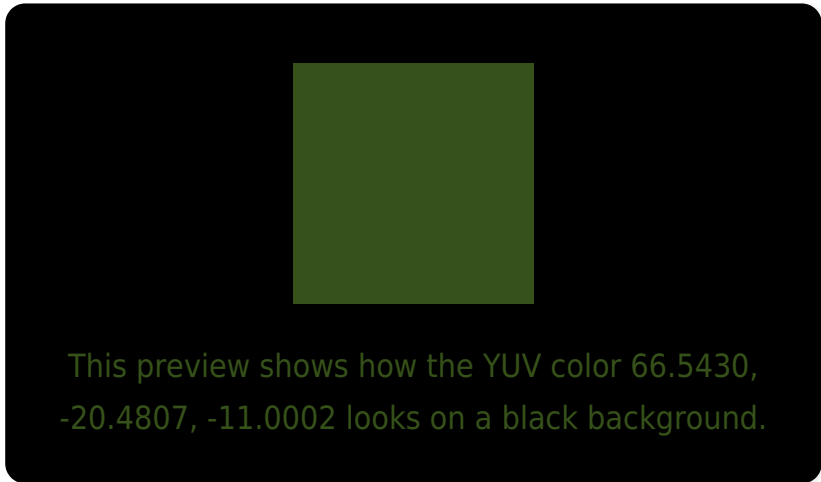
Large Text (above 18pt) WCAG AA ✓ Pass

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

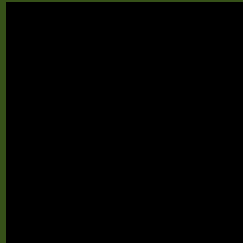
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.5430, -20.4807, -11.0002

Background



This preview shows how black text looks on a background with the YUV color 66.5430, -20.4807, -11.0002.



This preview shows how white text looks on a background with the YUV color 66.5430, -20.4807,

-11.0002.

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

66.5430, -20.4807, -11.0002

Protanopia

69.9910, -23.1666, 10.5319

Deuteranopia

71.6050, -21.0043, 17.0094



Tritanopia

72.4980, 4.6845, -9.2067

Trichromacy



Original Color

66.5430, -20.4807, -11.0002

Protanomaly

68.8760, -22.1239, 2.7397

Deuteranomaly

69.9520, -20.6823, 7.0581

Tritanomaly

70.3810, -4.6248, -9.9811

Monochromacy



Original Color

66.5430, -20.4807, -11.0002

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.7300, -7.2619, -4.1482

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.5430, -20.4807, -11.0002 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(54, 81, 25)` looks like.

```
.text, #text, p{  
    color:rgb(54, 81, 25)  
}
```

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(54, 81, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 81, 25) }
```

Border

The CSS property to change the border of an element to YUV 66.5430, -20.4807, -11.0002 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(54, 81, 25) }
```


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

```
.border{ border-color:rgb(54, 81, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 81, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 81, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 81, 25);  
box-shadow:4px 4px 4px 4px rgb(54, 81, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.5430, -20.4807, -11.0002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 81, 25) }
```

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

```
.background{ background-color: rgb(54, 81,  
25) }
```

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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