

Converting Colors

YUV(66.2220, -20.3224,
-15.1037)

Have a look what the booklet for
YUV(66.2220, -20.3224, -15.1037)
contains.

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Color

**YUV(66.2220, -20.3224,
-15.1037)**

Conversions

Conversions Part 1

Format	Color
Hex	315319
RGB	49, 83, 25
RGB Percent	19%, 33%, 10%
CMY	0.8078, 0.6745, 0.9020
CMYK	0.41, 0.00, 0.70, 0.67
HSL	95°, 54%, 21%
HSV	95°, 70%, 33%
XYZ	4.5353, 6.9097, 2.0144
YIQ	66.2220, -1.6460, -25.2460

Conversions

Conversions Part 2

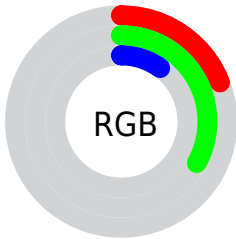
Format	Color
R_{YB}	25, 83, 59
Decimal	3232537
CIE _{Lab}	31.60, -23.82, 29.17
CIE _{LCh}	32, 37.663, 129.231
Y _{xy}	6.9097, 0.3370, 0.5134
Android (android.graphics.Color)	4281422617 (0xFF315319)
YUV	66.2220, -20.3224, -15.1037
Hunter-Lab	26.2862, -15.2031, 13.8569

Details

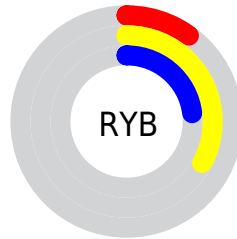
The YUV color **66.2220, -20.3224, -15.1037** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **41.7780, 20.3224, 15.1037**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.4670, -21.9222, -15.3186**, and **22.3060, -10.9969, -19.5624** is the 20% darker color. If you saturate the color by 10%, you get **63.8150, -23.0798, -17.3778**, and if you desaturate by 10%, it is **68.6290, -17.5651, -12.8296**.

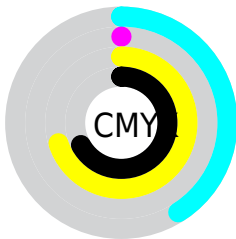
Distribution



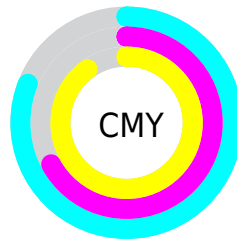
- Red (19%)
- Green (33%)
- Blue (10%)



- Red (10%)
- Yellow (33%)
- Blue (23%)



- Cyan (41%)
- Magenta (0%)
- Yellow (70%)
- Black (67%)



- Cyan (81%)
- Magenta (67%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.2220, -20.3224, -15.1037 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 66.2220, -20.3224, -15.1037 by changing the saturation by 10% instead.

■ 66.2220, -20.3224,
-15.1037

■ 66.2220, -20.3224,
-15.1037

255.0000, 0.0000,
0.0000

■ 42.6950, -21.0486,
-15.5185

■ 115.4670,
-21.9222, -15.3186

■ 22.3060, -10.9969,
-19.5624

■ 141.3530,
-22.3590, -15.2186

■ 6.4570, -3.1833,
-5.6628

■ 167.8260,
-23.0852, -15.6334

■ 0.0000, 0.0000,
0.0000

■ 195.2990,
-23.8114, -16.0482

■ 223.1850,
-24.2482, -15.9482

■ 242.6790,

-20.0547, -7.6115

■ 252.1500,
-10.9200, 2.4994

■ 66.2220, -20.3224,
-15.1037

■ 66.2220, -20.3224,
-15.1037

■ 63.8150, -23.0798,
-17.3778

■ 68.6290, -17.5651,
-12.8296

■ 61.2940, -26.2739,
-19.5518

■ 71.1500, -14.3709,
-10.6555

■ 58.8870, -29.0313,
-21.8259

■ 73.5570, -11.6136,
-8.3815

■ 75.6650, -8.7088,
-6.7222

■ 78.0720, -5.9515,
-4.4481

■ 80.5930, -2.7573,
-2.2741

■ 83.0000, 0.0000,
0.0000

■ 85.4070, 2.7573,
2.2741

■ 87.9280, 5.9515,
4.4481

Harmonies

Analogous

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



69.6290, -30.8761, 9.9724



66.2220, -20.3224, -15.1037



56.9970, -2.4635, -49.9864

Triad

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



66.2220, -20.3224, -15.1037



63.4270, 32.3275, -55.6255



72.7980, -3.3514, 48.4122

Complementary

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



66.2220, -20.3224, -15.1037



41.7780, 20.3224, 15.1037

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.



75.2770, 10.2164, 36.5911



66.2220, -20.3224, -15.1037



67.2600, 32.4098, -35.3080

Square

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



66.2220, -20.3224, -15.1037



63.7230, 23.3076, -55.8851



76.0870, 21.6491, 9.5707



72.2200, -16.8705, 44.5341

Rectangle

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



66.2220, -20.3224, -15.1037



59.9780, 6.4198, -52.6007



76.0870, 21.6491, 9.5707



73.3400, 1.3114, 46.1828

Sweetspot

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



66.2220, -20.3224, -15.1037



100.6050, -7.6933, -5.7926



62.3000, -18.3889, 18.1539



50.0120, -4.9359, -3.5185



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.



66.2220, -20.3224, -15.1037



80.8930, -31.4992, -23.5852



59.6160, -14.6007, -30.3582



39.6470, -1.3050, -1.4444



74.4920, -36.7246, -27.6185



164.8880, -81.2898, -60.4148

Inverse Universe

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



41.7780, 20.3224, 15.1037



43.1070, 31.4992, 23.5852



48.3840, 14.6007, 30.3582



38.0540, 1.4524, 0.8296



30.2090, 36.8720, 27.0037



67.1120, 81.2898, 60.4148

Previews

White Background



This preview shows how the YUV color 66.2220, -20.3224, -15.1037 looks on a white background.

Color Contrast Check

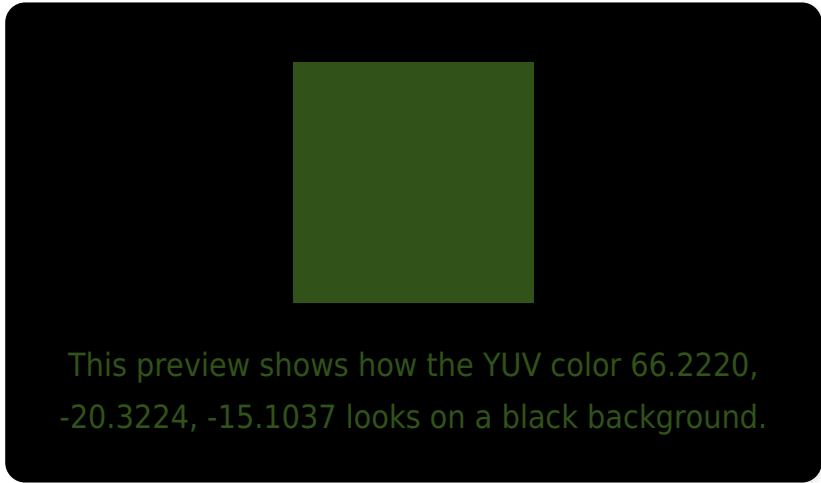
Large Text (above 18pt) WCAG AA ✓ Pass

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 66.2220, -20.3224, -15.1037

Background



This preview shows how black text looks on a background with the YUV color 66.2220, -20.3224, -15.1037.



This preview shows how white text looks on a background with the YUV color 66.2220, -20.3224,

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

66.2220, -20.3224, -15.1037

Protanopia

70.8770, -23.6034, 10.6319

Deuteranopia

72.4910, -21.4411, 17.1094



Tritanopia

72.7040, 5.5689, -12.8954

Trichromacy



Original Color

66.2220, -20.3224, -15.1037

Protanomaly

69.1640, -22.2659, 1.6102

Deuteranomaly

69.9410, -20.6769, 5.3137

Tritanomaly

70.5870, -3.7404, -13.6698

Monochromacy



Original Color

66.2220, -20.3224, -15.1037

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.0180, -7.4039, -5.2778

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.2220, -20.3224, -15.1037 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(49, 83, 25)` looks like.

```
.text, #text, p{  
    color:rgb(49, 83, 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(49, 83, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 83, 25) }
```

Border

The CSS property to change the border of an element to YUV 66.2220, -20.3224, -15.1037 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(49, 83, 25) }
```


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

```
.border{ border-color:rgb(49, 83, 25) }
```

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

Here you see how a box with a 4 pixel rgb(49, 83, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 83, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 83, 25);  
box-shadow:4px 4px 4px 4px rgb(49, 83, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.2220, -20.3224, -15.1037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 83, 25) }
```

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

```
.background{ background-color: rgb(49, 83,  
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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