

Converting Colors

YUV(68.3740, -20.8904,
-19.6220)

Have a look what the booklet for
YUV(68.3740, -20.8904, -19.6220)
contains.

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Color

**YUV(68.3740, -20.8904,
-19.6220)**

Conversions

Conversions Part 1

Format	Color
Hex	2E581A
RGB	46, 88, 26
RGB Percent	18%, 35%, 10%
CMY	0.8196, 0.6549, 0.8980
CMYK	0.48, 0.00, 0.70, 0.65
HSL	101°, 54%, 22%
HSV	101°, 70%, 35%
XYZ	4.8029, 7.6349, 2.1978
YIQ	68.3740, -5.1300, -28.1860

Conversions

Conversions Part 2

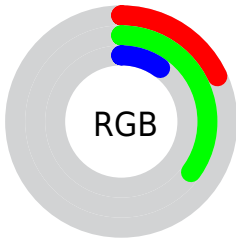
Format	Color
RYB	26, 88, 68
Decimal	3037210
CIELab	33.21, -27.26, 30.39
CIELCh	33, 40.827, 131.894
Yxy	7.6349, 0.3282, 0.5217
Android (android.graphics.Color)	4281227290 (0xFF2E581A)
YUV	68.3740, -20.8904, -19.6220
Hunter-Lab	27.6313, -17.3277, 14.6259

Details

The YUV color **68.3740, -20.8904, -19.6220** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **45.6260, 20.8904, 19.6220**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.0320, -22.2008, -19.3221**, and **24.6540, -12.1544, -21.6216** is the 20% darker color. If you saturate the color by 10%, you get **65.5540, -23.9371, -22.4109**, and if you desaturate by 10%, it is **71.1940, -17.8436, -16.8331**.

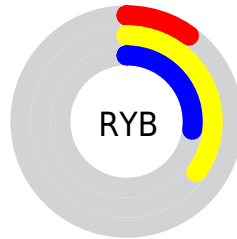
Distribution



Red (18%)

Green (35%)

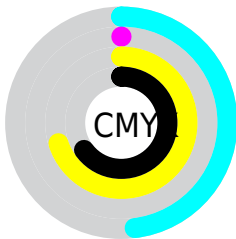
Blue (10%)



Red (10%)

Yellow (35%)

Blue (27%)

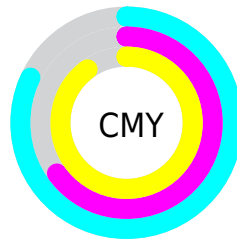


Cyan (48%)

Magenta (0%)

Yellow (70%)

Black (65%)



Cyan (82%)

Magenta (65%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.3740, -20.8904, -19.6220 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 68.3740, -20.8904, -19.6220 by changing the saturation by 10% instead.

■ 68.3740, -20.8904,
-19.6220

■ 68.3740, -20.8904,
-19.6220

255.0000, 0.0000,
0.0000

■ 43.9610, -21.1798,
-20.1368

■ 118.0320,
-22.2008, -19.3221

■ 24.6540, -12.1544,
-21.6216

■ 144.3910,
-23.3638, -19.6369

■ 11.1530, -5.4984,
-9.7812

■ 170.9780,
-23.6532, -20.1517

■ 0.0000, 0.0000,
0.0000

■ 198.4510,
-24.3793, -20.5665

■ 226.9240,
-25.1055, -20.9813

■ 242.1950,

-19.3231, -8.9410

■ 252.3780,
-10.0464, 2.2995

■ 68.3740, -20.8904,
-19.6220

■ 68.3740, -20.8904,
-19.6220

■ 65.5540, -23.9371,
-22.4109

■ 71.1940, -17.8436,
-16.8331

■ 62.7340, -26.9839,
-25.1997

■ 74.0140, -14.7969,
-14.0443

■ 60.0280, -29.5938,
-28.0886

■ 76.7200, -12.1870,
-11.1554

■ 79.5400, -9.1402,
-8.3666

■ 82.3600, -6.0935,
-5.5777

■ 85.1800, -3.0467,
-2.7889

■ 88.0000, 0.0000,
0.0000

■ 90.7060, 2.6099,
2.8888

■ 93.5260, 5.6567,
5.6777

Harmonies

Analogous

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



72.4070, -34.2177, 8.4131



68.3740, -20.8904, -19.6220



60.5020, -1.7265, -53.0603

Triad

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



68.3740, -20.8904, -19.6220



66.9150, 35.5379, -58.6845



75.3040, -4.0939, 53.2304

Complementary

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



68.3740, -20.8904, -19.6220



45.6260, 20.8904, 19.6220

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.



78.3100, 10.2002, 41.8241



68.3740, -20.8904, -19.6220



71.2540, 34.8778, -33.5488

Square

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



68.3740, -20.8904, -19.6220



67.7980, 26.2286, -59.4588



80.6360, 22.3645, 13.4742



75.5470, -19.4967, 46.8783

Rectangle

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



68.3740, -20.8904, -19.6220



63.5970, 7.5937, -55.7746



80.6360, 22.3645, 13.4742



76.1450, 0.4215, 51.6158

Sweetspot

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



68.3740, -20.8904, -19.6220



107.1810, -7.9772, -8.0517



68.6050, -21.0043, 17.0094



54.3000, -5.0779, -4.6481



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.



68.3740, -20.8904, -19.6220



84.0940, -33.0773, -30.7774



63.5340, -13.5743, -32.9173



41.6470, -1.3050, -1.4444



73.2740, -36.1241, -33.5663



160.6690, -79.2098, -74.2547

Inverse Universe

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



45.6260, 20.8904, 19.6220



47.9060, 33.0773, 30.7774



50.4660, 13.5743, 32.9173



40.3530, 1.3050, 1.4444



34.0250, 35.9767, 34.1811



74.3310, 79.2098, 74.2547

Previews

White Background



This preview shows how the YUV color 68.3740, -20.8904, -19.6220 looks on a white background.

Color Contrast Check

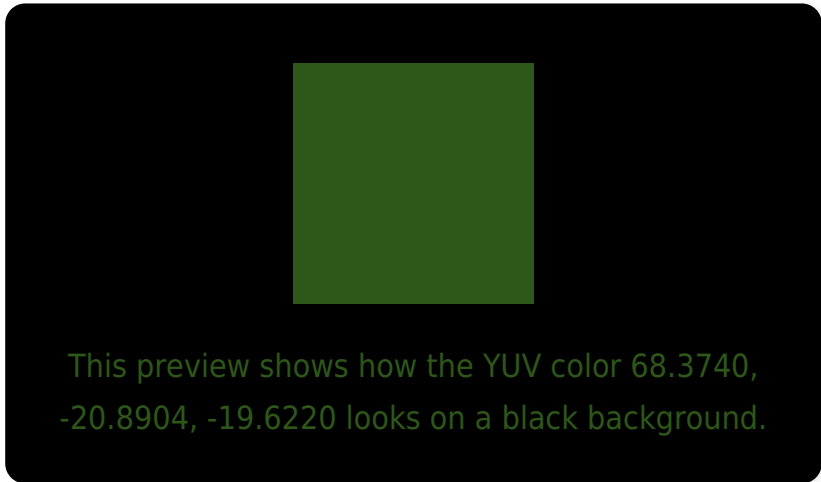
Large Text (above 18pt) WCAG AA ✓ Pass

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

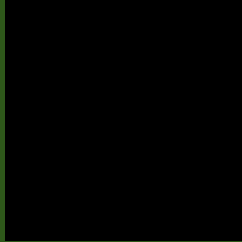
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.3740, -20.8904, -19.6220

Background



This preview shows how black text looks on a background with the YUV color 68.3740, -20.8904, -19.6220.



This preview shows how white text looks on a background with the YUV color 68.3740, -20.8904,

-19.6220.

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

68.3740, -20.8904, -19.6220

Protanopia

74.4210, -25.3506, 11.0318

Deuteranopia

75.9750, -22.1727, 18.4389



Tritanopia

75.3230, 6.7428, -16.0693

Trichromacy



Original Color

68.3740, -20.8904, -19.6220

Protanomaly

72.3980, -23.8602, -0.3490

Deuteranomaly

73.0010, -21.6925, 4.3841

Tritanomaly

72.6790, -3.2927, -17.2585

Monochromacy



Original Color

68.3740, -20.8904, -19.6220

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0070, -7.3985, -7.0221

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.3740, -20.8904, -19.6220 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(46, 88, 26)` looks like.

```
.text, #text, p{  
    color:rgb(46, 88, 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(46, 88, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 88, 26) }
```

Border

The CSS property to change the border of an element to YUV 68.3740, -20.8904, -19.6220 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(46, 88, 26) }
```


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

```
.border{ border-color:rgb(46, 88, 26) }
```

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

Here you see how a box with a 4 pixel rgb(46, 88, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 88, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 88, 26);  
box-shadow:4px 4px 4px 4px rgb(46, 88, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.3740, -20.8904, -19.6220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 88, 26) }
```

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

```
.background{ background-color: rgb(46, 88,  
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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