

Converting Colors

YUV(70.9460, 32.0716,
-20.1236)

Have a look what the booklet for
YUV(70.9460, 32.0716, -20.1236)
contains.

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Color

**YUV(70.9460, 32.0716,
-20.1236)**

Conversions

Conversions Part 1

Format	Color
Hex	304688
RGB	48, 70, 136
RGB Percent	19%, 27%, 53%
CMY	0.8118, 0.7255, 0.4667
CMYK	0.65, 0.49, 0.00, 0.47
HSL	225°, 48%, 36%
HSV	225°, 65%, 53%
XYZ	7.8530, 6.7863, 24.1885
YIQ	70.9460, -34.2980, 15.8620

Conversions

Conversions Part 2

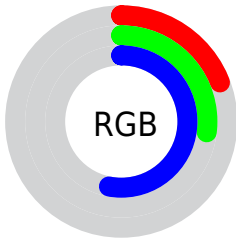
Format	Color
R_{YB}	48, 66, 136
Decimal	3163784
CIE _{Lab}	31.32, 13.83, -39.55
CIE _{LCh}	31, 41.898, 289.270
Yxy	6.7863, 0.2023, 0.1748
Android (android.graphics.Color)	4281353864 (0xFF304688)
YUV	70.9460, 32.0716, -20.1236
Hunter-Lab	26.0505, 8.2212, -36.8170

Details

The YUV color **70.9460, 32.0716, -20.1236** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **113.0540, -32.0716, 20.1236**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.7230, 33.6606, -16.4201**, and **26.1260, 29.0249, -22.9125** is the 20% darker color. If you saturate the color by 10%, you get **60.8900, 37.0292, -23.5825**, and if you desaturate by 10%, it is **81.0020, 27.1140, -16.6648**.

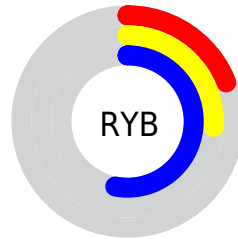
Distribution



Red (19%)

Green (27%)

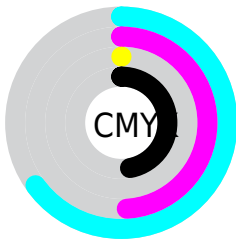
Blue (53%)



Red (19%)

Yellow (26%)

Blue (53%)

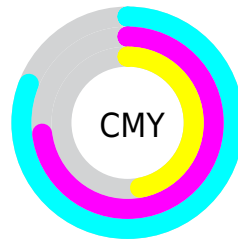


Cyan (65%)

Magenta (49%)

Yellow (0%)

Black (47%)



Cyan (81%)

Magenta (73%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.9460, 32.0716, -20.1236 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 70.9460, 32.0716, -20.1236 by changing the saturation by 10% instead.

■ 70.9460, 32.0716,
-20.1236

■ 70.9460, 32.0716,
-20.1236

■ 255.0000, 0.0000,
0.0000

■ 44.6030, 32.2407,
-27.7158

■ 121.7230, 33.6606,
-16.4201

■ 26.1260, 29.0249,
-22.9125

■ 147.6630, 34.6761,
-15.4905

■ 7.0680, 27.0815,
-6.1986

■ 175.1900, 35.4023,
-15.0756

■ 6.2070, 16.1669,
-5.4435

■ 200.3230, 26.9558,
-12.5613

■ 2.5250, 7.1362,
-2.2144

■ 225.4300, 14.5780,
-9.1471

■ 0.0000, 0.0000,
0.0000

■ 251.1240, 1.9109,

-6.2477

■ 70.9460, 32.0716,
-20.1236

■ 70.9460, 32.0716,
-20.1236

■ 60.8900, 37.0292,
-23.5825

■ 81.0020, 27.1140,
-16.6648

■ 51.1330, 41.8394,
-26.4266

■ 90.7590, 22.3038,
-13.8206

■ 40.4900, 47.0864,
-29.3707

■ 101.4020, 17.0568,
-10.8766

■ 35.4620, 49.5652,
-31.1002

■ 111.1590, 12.2466,
-8.0324

■ 121.2150, 7.2890,
-4.5736

■ 131.2710, 2.3314,
-1.1147

■ 141.0280, -2.4788,
1.7294

■ 151.6710, -7.7258,
4.6735

■ 161.4280,
-12.5360, 7.5176

Harmonies

Analogous

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



63.2790, 36.8375, -55.4957



70.9460, 32.0716, -20.1236



75.8220, 20.3008, 22.0811

Triad

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



70.9460, 32.0716, -20.1236



70.6130, -22.9802, 44.1894



58.4960, 0.7415, -51.3010

Complementary

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



70.9460, 32.0716, -20.1236



113.0540, -32.0716, 20.1236

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.



61.0460, -16.7847, -29.8583



70.9460, 32.0716, -20.1236



69.5170, -34.2719, 25.8566

Square

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



70.9460, 32.0716, -20.1236



70.2780, -8.0251, 54.1302



66.4170, -32.7436, 2.2653



62.9590, 15.3032, -55.2150

Rectangle

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



70.9460, 32.0716, -20.1236



73.4670, 12.0948, 40.8094



66.4170, -32.7436, 2.2653



56.6550, -3.7739, -49.6864

Sweetspot

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



70.9460, 32.0716, -20.1236



151.4580, 12.0992, -7.4177



107.1800, 3.3623, -51.9009



74.2150, 7.2890, -4.5736



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



70.9460, 32.0716, -20.1236



74.5760, 50.0020, -31.2002



64.6100, 35.1953, 4.7270



63.9720, 2.4788, -1.7294



34.5330, 48.5442, -30.2854



1.1570, 1.8946, -1.0147

Inverse Universe

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



76.8200, -3.3623, 51.9009



83.8390, -5.3436, 80.8252



119.3900, -35.1953, -4.7270



64.3210, -0.1583, 4.1035



43.5290, -5.1908, 78.4661



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 70.9460, 32.0716, -20.1236 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



This preview shows how the YUV color 70.9460, 32.0716, -20.1236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

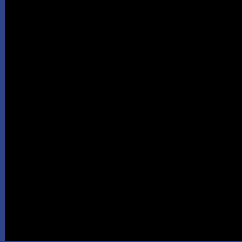
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.9460, 32.0716, -20.1236

Background



This preview shows how black text looks on a background with the YUV color 70.9460, 32.0716, -20.1236.



This preview shows how white text looks on a background with the YUV color 70.9460, 32.0716,

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

70.9460, 32.0716, -20.1236

Protanopia

68.9560, 33.5457, -26.2714

Deuteranopia

59.0730, 35.9530, -51.8070



Tritanopia

62.9610, 12.3442, -39.4308

Trichromacy



Original Color

70.9460, 32.0716, -20.1236

Protanomaly

69.8530, 33.1035, -24.4271

Deuteranomaly

63.0960, 34.4627, -40.4262

Tritanomaly

65.8400, 19.3059, -32.3087

Monochromacy



Original Color

70.9460, 32.0716, -20.1236

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.3440, 11.6624, -7.3177

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.9460, 32.0716, -20.1236 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(48, 70, 136)` looks like.

```
.text, #text, p{  
    color:rgb(48, 70, 136)  
}
```

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(48, 70, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 70, 136) }
```

Border

The CSS property to change the border of an element to YUV 70.9460, 32.0716, -20.1236 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(48, 70, 136) }
```


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

```
.border{ border-color:rgb(48, 70, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 70, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 70, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 70, 136);  
box-shadow:4px 4px 4px 4px rgb(48, 70,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 70.9460, 32.0716, -20.1236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 70, 136) }
```

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

```
.background{ background-color: rgb(48, 70,  
136) }
```

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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