

Converting Colors

YUV(69.6870, -18.5797,
32.7235)

Have a look what the booklet for
YUV(69.6870, -18.5797, 32.7235)
contains.

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Color

**YUV(69.6870, -18.5797,
32.7235)**

Conversions

Conversions Part 1

Format	Color
Hex	6B3A20
RGB	107, 58, 32
RGB Percent	42%, 23%, 13%
CMY	0.5804, 0.7725, 0.8745
CMYK	0.00, 0.46, 0.70, 0.58
HSL	21°, 54%, 27%
HSV	21°, 70%, 42%
XYZ	7.8372, 6.2562, 2.1610
YIQ	69.6870, 37.5500, 2.3020

Conversions

Conversions Part 2

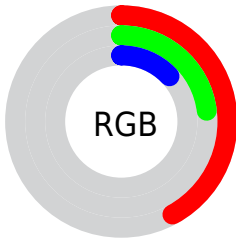
Format	Color
R_{YB}	107, 72, 32
Decimal	7027232
CIE _{Lab}	30.05, 19.14, 25.25
CIE _{LCh}	30, 31.679, 52.841
Yxy	6.2562, 0.4822, 0.3849
Android (android.graphics.Color)	4285217312 (0xFF6B3A20)
YUV	69.6870, -18.5797, 32.7235
Hunter-Lab	25.0124, 12.1580, 12.3862

Details

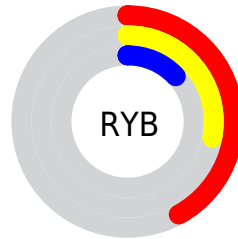
The YUV color **69.6870, -18.5797, 32.7235** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **69.3130, 18.5797, -32.7235**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.4380, -20.9219, 37.3269**, and **24.6630, -12.1589, 26.6055** is the 20% darker color. If you saturate the color by 10%, you get **64.3240, -21.3587, 37.4269**, and if you desaturate by 10%, it is **75.0500, -15.8006, 28.0202**.

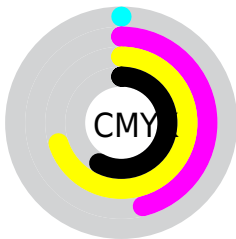
Distribution



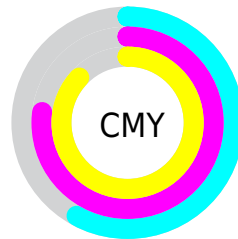
- Red (42%)
- Green (23%)
- Blue (13%)



- Red (42%)
- Yellow (28%)
- Blue (13%)



- Cyan (0%)
- Magenta (46%)
- Yellow (70%)
- Black (58%)



- Cyan (58%)
- Magenta (77%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.6870, -18.5797, 32.7235 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 69.6870, -18.5797, 32.7235 by changing the saturation by 10% instead.

■ 69.6870, -18.5797,
32.7235

■ 69.6870, -18.5797,
32.7235

255.0000, 0.0000,
0.0000

■ 46.4910, -17.9901,
30.2644

■ 119.4380,
-20.9219, 37.3269

■ 24.6630, -12.1589,
26.6055

■ 145.2210,
-21.8010, 39.2712

■ 9.9810, -4.4276,
20.1877

■ 172.0040,
-22.6800, 41.2155

■ 0.0000, 0.0000,
0.0000

■ 199.6020,
-22.9748, 42.4450

■ 221.0950,
-20.7528, 29.7347

■ 241.3100,

-16.9148, 12.0061

■ 252.7200, -8.7360,
1.9996

■ 69.6870, -18.5797,
32.7235

■ 69.6870, -18.5797,
32.7235

■ 64.3240, -21.3587,
37.4269

■ 75.0500, -15.8006,
28.0202

■ 59.0750, -23.7010,
42.0302

■ 80.2990, -13.4584,
23.4168

■ 53.7120, -26.4800,
46.7336

■ 85.6620, -10.6794,
18.7134

■ 91.0250, -7.9003,
14.0101

■ 96.3880, -5.1213,
9.3067

■ 101.6370, -2.7790,
4.7034

■ 107.0000, 0.0000,
0.0000

■ 112.3630, 2.7790,
-4.7034

■ 117.6120, 5.1213,
-9.3067

Harmonies

Analogous

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



70.0760, -8.4185, 40.2753



69.6870, -18.5797, 32.7235



68.1060, -24.2093, 18.3240

Triad

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



69.6870, -18.5797, 32.7235



55.4300, 4.2250, -48.6121



71.0910, 22.1401, -7.9728

Complementary

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



69.6870, -18.5797, 32.7235



69.3130, 18.5797, -32.7235

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.



57.7050, 30.7114, -50.6073



69.6870, -18.5797, 32.7235



58.8670, 14.8556, -51.6264

Square

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



69.6870, -18.5797, 32.7235



61.9850, -10.8386, -23.6658



60.0870, 24.6071, -52.6963



73.3780, 13.6176, 18.9625

Rectangle

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



69.6870, -18.5797, 32.7235



67.1430, -23.7345, 6.0136



60.0870, 24.6071, -52.6963



68.1110, 25.0883, -20.2683

Sweetspot

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



69.6870, -18.5797, 32.7235



125.5410, -7.1687, 12.6805



60.1250, 10.7844, 41.1094



62.6050, -4.2423, 7.3624



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



69.6870, -18.5797, 32.7235



81.3490, -29.2591, 51.4369



91.4060, -29.2872, 13.6759



50.9680, -1.4632, 2.6591



59.0500, -29.1116, 50.8222



123.1500, -60.7129, 106.8625

Inverse Universe

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



69.3130, 18.5797, -32.7235



80.6510, 29.2591, -51.4369



48.1810, 28.9978, -14.1907



51.0320, 1.4632, -2.6591



58.5370, 28.8223, -51.3369



121.8500, 60.7129, -106.8624

Previews

White Background



This preview shows how the YUV color 69.6870, -18.5797, 32.7235 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 69.6870, -18.5797, 32.7235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

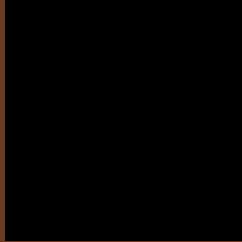
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.6870, -18.5797, 32.7235

Background



This preview shows how black text looks on a background with the YUV color 69.6870, -18.5797, 32.7235.



This preview shows how white text looks on a background with the YUV color 69.6870, -18.5797,

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

69.6870, -18.5797, 32.7235

Protanopia

69.4020, -16.4672, 8.4174

Deuteranopia

69.9470, -19.6939, 16.7095



Tritanopia

71.3030, -6.0654, 32.1833

Trichromacy



Original Color

69.6870, -18.5797, 32.7235

Protanomaly

69.3430, -16.9311, 17.2392

Deuteranomaly

69.8060, -19.1314, 22.9721

Tritanomaly

70.7500, -10.7227, 32.6683

Monochromacy



Original Color

69.6870, -18.5797, 32.7235

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9430, -6.8739, 11.4510

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.6870, -18.5797, 32.7235 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(107, 58, 32)` looks like.

```
.text, #text, p{  
    color:rgb(107, 58, 32)  
}
```

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(107, 58, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 58, 32) }
```

Border

The CSS property to change the border of an element to YUV 69.6870, -18.5797, 32.7235 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(107, 58, 32) }
```


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

```
.border{ border-color:rgb(107, 58, 32) }
```

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

Here you see how a box with a 4 pixel rgb(107, 58, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 58, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 58, 32);  
box-shadow:4px 4px 4px 4px rgb(107, 58,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 69.6870, -18.5797, 32.7235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 58, 32) }
```

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

```
.background{ background-color: rgb(107, 58,  
32) }
```

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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