

Converting Colors

YUV(67.2230, 48.6971,
-32.6446)

Have a look what the booklet for
YUV(67.2230, 48.6971, -32.6446)
contains.

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Color

**YUV(67.2230, 48.6971,
-32.6446)**

Conversions

Conversions Part 1

Format	Color
Hex	1E43A6
RGB	30, 67, 166
RGB Percent	12%, 26%, 65%
CMY	0.8824, 0.7373, 0.3490
CMYK	0.82, 0.60, 0.00, 0.35
HSL	224°, 69%, 38%
HSV	224°, 82%, 65%
XYZ	9.4255, 7.0435, 36.9391
YIQ	67.2230, -53.8310, 22.9450

Conversions

Conversions Part 2

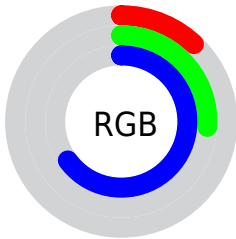
Format	Color
RYB	30, 59, 166
Decimal	1983398
CIELab	31.91, 24.94, -56.89
CIElCh	32, 62.120, 293.674
Yxy	7.0435, 0.1765, 0.1319
Android (android.graphics.Color)	4280173478 (0xFF1E43A6)
YUV	67.2230, 48.6971, -32.6446
Hunter-Lab	26.5396, 16.9498, -63.9451

Details

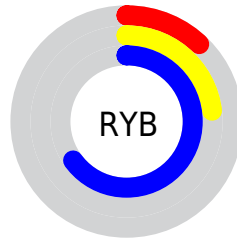
The YUV color **67.2230, 48.6971, -32.6446** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **128.7770, -48.6971, 32.6446**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.4140, 49.0959, -20.5341**, and **28.1440, 41.8340, -24.6823** is the 20% darker color. If you saturate the color by 10%, you get **55.0960, 54.6757, -36.9182**, and if you desaturate by 10%, it is **79.3500, 42.7185, -28.3709**.

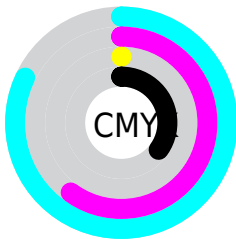
Distribution



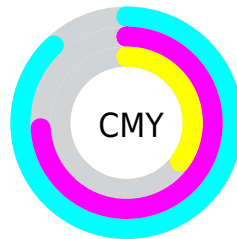
- Red (12%)
- Green (26%)
- Blue (65%)



- Red (12%)
- Yellow (23%)
- Blue (65%)



- Cyan (82%)
- Magenta (60%)
- Yellow (0%)
- Black (35%)



- Cyan (88%)
- Magenta (74%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.2230, 48.6971, -32.6446 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 67.2230, 48.6971, -32.6446 by changing the saturation by 10% instead.

■ 67.2230, 48.6971,
-32.6446

■ 67.2230, 48.6971,
-32.6446

■ 255.0000, 0.0000,
0.0000

■ 42.2610, 47.6923,
-37.0629

■ 122.4140, 49.0959,
-20.5341

■ 28.1440, 41.8340,
-24.6823

■ 149.0660, 50.2535,
-18.4749

■ 10.0320, 38.4382,
-8.7981

■ 173.4550, 40.2017,
-14.4310

■ 11.2910, 25.4925,
-9.9022

■ 198.2740, 27.9659,
-9.8873

■ 6.4350, 17.0405,
-5.6435

■ 223.3810, 15.5882,
-6.4731

■ 2.6390, 7.5730,
-2.3144

■ 249.3740, 2.7736,

■ 0.0000, 0.0000,

-2.9590

0.0000

■ 67.2230, 48.6971,
-32.6446

■ 67.2230, 48.6971,
-32.6446

■ 55.0960, 54.6757,
-36.9182

■ 79.3500, 42.7185,
-28.3709

■ 45.3390, 59.4859,
-39.7623

■ 91.1780, 36.8872,
-24.7121

■ 103.3050, 30.9086,
-20.4385

■ 115.1330, 25.0774,
-16.7796

■ 127.2600, 19.0988,
-12.5060

■ 139.9740, 12.8308,
-8.7472

■ 151.8020, 6.9996,
-5.0884

■ 163.9290, 1.0210,
-0.8147

■ 175.7570, -4.8102,
2.8441

Harmonies

Analogous

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



69.7310, 51.4046, -61.1541



67.2230, 48.6971, -32.6446



72.5870, 30.2766, 42.4582

Triad

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



67.2230, 48.6971, -32.6446



67.0790, -33.0699, 60.4437



62.3600, 0.3155, -54.6897

Complementary

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



67.2230, 48.6971, -32.6446



128.7770, -48.6971, 32.6446

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.



53.8730, -24.5874, -47.2466



67.2230, 48.6971, -32.6446



71.2890, -35.1455, 26.0565

Square

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



67.2230, 48.6971, -32.6446



50.9050, -5.3762, 91.2913



66.0520, -32.5636, -8.8156



68.6470, 21.8660, -60.2034

Rectangle

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



67.2230, 48.6971, -32.6446



55.5100, 23.9056, 79.3597



66.0520, -32.5636, -8.8156



59.7210, -7.2575, -52.3753

Sweetspot

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



67.2230, 48.6971, -32.6446



177.3740, 19.5356, -12.6060



120.8900, 3.0122, -79.7105



86.0450, 11.8098, -7.9325



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



67.2230, 48.6971, -32.6446



62.3280, 76.2533, -51.1537



54.1750, 55.1297, 4.2315



78.0860, 2.9156, -1.8294



40.3520, 53.0705, -35.3887



5.8020, 6.9996, -5.0884

Inverse Universe

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



74.8820, -3.8858, 79.9105



74.2990, -6.0634, 125.1488



141.8250, -55.1297, -4.2315



78.6200, -0.3057, 4.7183



48.8120, -4.3443, 86.9879



6.6640, -0.3274, 11.6957

Previews

White Background



This preview shows how the YUV color 67.2230, 48.6971, -32.6446 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 67.2230, 48.6971, -32.6446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

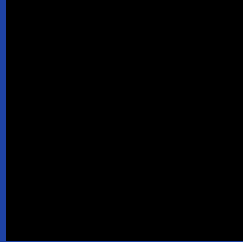
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.2230, 48.6971, -32.6446

Background



This preview shows how black text looks on a background with the YUV color 67.2230, 48.6971, -32.6446.



This preview shows how white text looks on a background with the YUV color 67.2230, 48.6971,

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

67.2230, 48.6971, -32.6446

Protanopia

59.7060, 45.9939, -52.3622

Deuteranopia

60.1330, 34.9374, -52.7366



Tritanopia

58.7530, 14.4188, -51.5264

Trichromacy



Original Color

67.2230, 48.6971, -32.6446

Protanomaly

62.3910, 47.1352, -45.0699

Deuteranomaly

62.5560, 40.1519, -45.2146

Tritanomaly

61.7120, 26.7640, -44.4744

Monochromacy



Original Color

67.2230, 48.6971, -32.6446

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.2170, 17.6410, -11.5913

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.2230, 48.6971, -32.6446 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(30, 67, 166)` looks like.

```
.text, #text, p{  
    color:rgb(30, 67, 166)  
}
```

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(30, 67, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 67, 166) }
```

Border

The CSS property to change the border of an element to YUV 67.2230, 48.6971, -32.6446 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(30, 67, 166) }
```


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

```
.border{ border-color:rgb(30, 67, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 67, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 67, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 67, 166);  
box-shadow:4px 4px 4px 4px rgb(30, 67,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 67.2230, 48.6971, -32.6446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 67, 166) }
```

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

```
.background{ background-color: rgb(30, 67,  
166) }
```

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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