

Converting Colors

YUV(64.4240, 84.0940,
-45.9758)

Have a look what the booklet for
YUV(64.4240, 84.0940, -45.9758)
contains.

| | |
|--|----|
| YUV(64.4240, 84.0940, -45.9758) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 30 |

Color

**YUV(64.4240, 84.0940,
-45.9758)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0C3AEB |
| RGB | 12, 58, 235 |
| RGB Percent | 5%, 23%, 92% |
| CMY | 0.9529, 0.7725, 0.0784 |
| CMYK | 0.95, 0.75, 0.00, 0.08 |
| HSL | 228°, 90%, 48% |
| HSV | 228°, 95%, 92% |
| XYZ | 16.6601, 9.1024, 79.4761 |
| YIQ | 64.4240, -84.2330, 45.2950 |

Conversions

Conversions Part 2

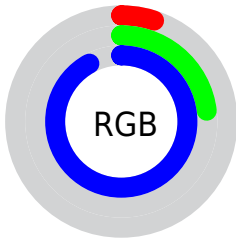
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 12, 50, 235 |
| Decimal | 801515 |
| CIE _{Lab} | 36.18, 54.91, -90.11 |
| CIE _{LCh} | 36, 105.519, 301.355 |
| Yxy | 9.1024, 0.1583, 0.0865 |
| Android (android.graphics.Color) | 4278991595 (0xFF0C3AEB) |
| YUV | 64.4240, 84.0940, -45.9758 |
| Hunter-Lab | 30.1702, 45.7702, -135.0659 |

Details

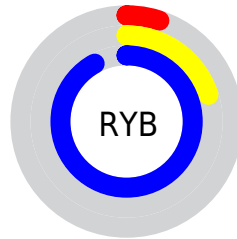
The YUV color **64.4240, 84.0940, -45.9758** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **182.5760, -84.0940, 45.9758**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.9650, 63.6143, -10.4933**, and **27.9230, 73.9880, -24.4885** is the 20% darker color. If you saturate the color by 10%, you get **54.9660, 88.7568, -48.2052**, and if you desaturate by 10%, it is **82.4540, 75.2052, -41.6172**.

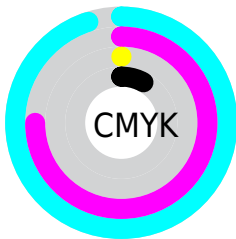
Distribution



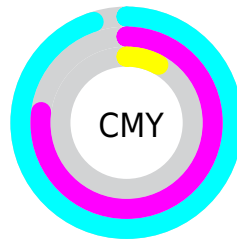
- Red (5%)
- Green (23%)
- Blue (92%)



- Red (5%)
- Yellow (20%)
- Blue (92%)



- Cyan (95%)
- Magenta (75%)
- Yellow (0%)
- Black (8%)



- Cyan (95%)
- Magenta (77%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.4240, 84.0940, -45.9758 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 64.4240, 84.0940, -45.9758 by changing the saturation by 10% instead.

■ 64.4240, 84.0940,
-45.9758

■ 64.4240, 84.0940,
-45.9758

■ 255.0000, 0.0000,
0.0000

■ 44.0290, 79.8517,
-38.6134

■ 125.9650, 63.6143,
-10.4933

■ 27.9230, 73.9880,
-24.4885

■ 151.3930, 51.0783,
-2.9757

■ 17.1000, 65.5197,
-14.9967

■ 176.5220, 38.6897,
3.9272

■ 14.0220, 53.7262,
-12.2973

■ 201.9390, 26.1591,
9.7005

■ 19.8630, 38.0285,
-17.4199

■ 227.9430, 13.3391,
14.9590

■ 12.9040, 29.1343,
-11.3168

■ 247.9560, 3.4727,

■ 7.8200, 19.8087,

6.1776

-6.8581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 64.4240, 84.0940,
-45.9758

■ 64.4240, 84.0940,
-45.9758

■ 54.9660, 88.7568,
-48.2052

■ 82.4540, 75.2052,
-41.6172

■ 100.1960, 66.4584,
-36.1289

■ 118.2260, 57.5696,
-31.7702

■ 136.5550, 48.5334,
-26.7967

■ 154.2970, 39.7866,
-21.3085

■ 172.3270, 30.8978,
-16.9498

■ 190.6560, 21.8616,
-11.9763

■ 208.0990, 13.2622,
-7.1028

■ 226.1290, 4.3734,
-2.7441

Harmonies

Analogous

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



87.7700, 82.4444, -76.9743



64.4240, 84.0940, -45.9758



73.3850, 47.1382, 94.3784

Triad

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



64.4240, 84.0940, -45.9758



69.8800, -34.4508, 83.4202



75.6620, 5.5896, -66.3556

Complementary

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



64.4240, 84.0940, -45.9758



182.5760, -84.0940, 45.9758

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.



63.9830, -31.5436, -56.1131



64.4240, 84.0940, -45.9758



79.5070, -39.1970, 18.8494

Square

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



64.4240, 84.0940, -45.9758



62.3060, -30.2239, 127.7736



60.4610, -29.8073, -53.0243



87.2270, 42.2861, -76.4981

Rectangle

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



64.4240, 84.0940, -45.9758



76.3840, 18.5447, 118.9352



60.4610, -29.8073, -53.0243



71.6550, -7.2249, -62.8414

Sweetspot

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



64.4240, 84.0940, -45.9758



200.3120, 26.9612, -14.3056



162.8510, 11.9055, -132.2963



94.2990, 16.6146, -9.0322



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



64.4240, 84.0940, -45.9758



60.1810, 96.0458, -52.7787



56.2590, 88.1193, 16.4359



108.4280, 4.2260, -2.1294



42.3530, 68.3530, -37.1436



12.6130, 20.4038, -11.0616

Inverse Universe

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



83.9210, -12.7791, 132.4963



82.2870, -14.4385, 151.4693



190.7410, -88.1193, -16.4359



109.5170, -0.7479, 6.5626



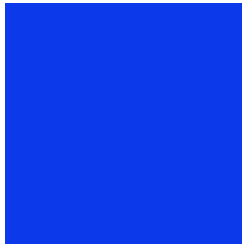
58.3370, -10.5191, 107.5755



17.4000, -3.1552, 32.0982

Previews

White Background



This preview shows how the YUV color 64.4240, 84.0940, -45.9758 looks on a white background.

Color Contrast Check

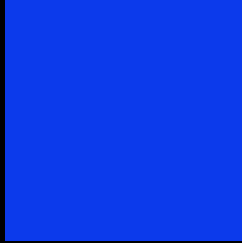
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.4240, 84.0940, -45.9758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

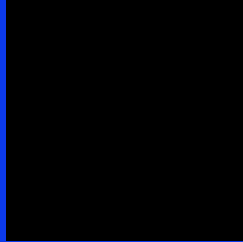
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.4240, 84.0940, -45.9758

Background



This preview shows how black text looks on a background with the YUV color 64.4240, 84.0940, -45.9758.



This preview shows how white text looks on a background with the YUV color 64.4240, 84.0940,

-45.9758.

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

64.4240, 84.0940, -45.9758

Protanopia

67.0410, 51.2518, -58.7950

Tritanopia

66.3500, 15.6035, -58.1889

Trichromacy



Original Color

64.4240, 84.0940, -45.9758

Protanomaly

66.1630, 63.0236, -54.5170

Tritanomaly

65.6150, 40.6158, -54.0364

Monochromacy



Original Color

64.4240, 84.0940, -45.9758

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.2130, 30.4610, -16.8498

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.4240, 84.0940, -45.9758 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(12, 58, 235)` looks like.

```
.text, #text, p{  
    color:rgb(12, 58, 235)  
}
```

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(12, 58, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 58, 235) }
```

Border

The CSS property to change the border of an element to YUV 64.4240, 84.0940, -45.9758 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(12, 58, 235) }
```

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

```
.border{ border-color:rgb(12, 58, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 58, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 58, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 58, 235);  
box-shadow:4px 4px 4px 4px rgb(12, 58,  
235) }
```


Background

The CSS property to change the background color of an element to YUV 64.4240, 84.0940, -45.9758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 58, 235) }
```

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

```
.background{ background-color: rgb(12, 58,  
235) }
```

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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