

Converting Colors

YUV(65.0460, 80.8293,
-25.4733)

Have a look what the booklet for
YUV(65.0460, 80.8293, -25.4733)
contains.

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Color

**YUV(65.0460, 80.8293,
-25.4733)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2430E5 |
| RGB | 36, 48, 229 |
| RGB Percent | 14%, 19%, 90% |
| CMY | 0.8588, 0.8118, 0.1020 |
| CMYK | 0.84, 0.79, 0.00, 0.10 |
| HSL | 236°, 79%, 52% |
| HSV | 236°, 84%, 90% |
| XYZ | 15.9274, 8.1461, 74.8616 |
| YIQ | 65.0460, -65.2530, 53.7470 |

Conversions

Conversions Part 2

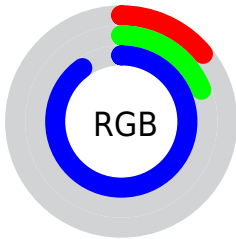
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 36, 47, 229 |
| Decimal | 2371813 |
| CIE _{Lab} | 34.29, 58.91, -89.82 |
| CIE _{LCh} | 34, 107.418, 303.260 |
| Yxy | 8.1461, 0.1610, 0.0823 |
| Android (android.graphics.Color) | 4280561893 (0xFF2430E5) |
| YUV | 65.0460, 80.8293, -25.4733 |
| Hunter-Lab | 28.5414, 49.6634, -135.5336 |

Details

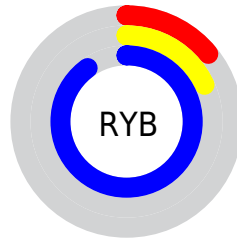
The YUV color **65.0460, 80.8293, -25.4733** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **199.9540, -80.8293, 25.4733**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.4760, 65.3343, -2.1715**, and **19.6080, 75.1293, -17.1962** is the 20% darker color. If you saturate the color by 10%, you get **45.8420, 90.2969, -28.8024**, and if you desaturate by 10%, it is **84.2500, 71.3618, -22.1442**.

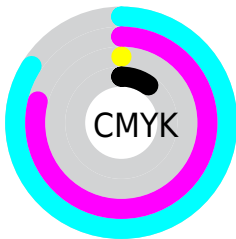
Distribution



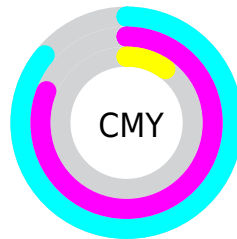
- Red (14%)
- Green (19%)
- Blue (90%)



- Red (14%)
- Yellow (18%)
- Blue (90%)



- Cyan (84%)
- Magenta (79%)
- Yellow (0%)
- Black (10%)



- Cyan (86%)
- Magenta (81%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.0460, 80.8293, -25.4733 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 65.0460, 80.8293, -25.4733 by changing the saturation by 10% instead.

■ 65.0460, 80.8293,
-25.4733

■ 65.0460, 80.8293,
-25.4733

255.0000, 0.0000,
0.0000

■ 36.3010, 80.7036,
-31.8360

■ 122.4760, 65.3343,
-2.1715

■ 19.6080, 75.1293,
-17.1962

■ 147.0180, 53.2351,
5.2462

■ 16.4160, 62.8989,
-14.3968

■ 172.4350, 40.7045,
11.0195

■ 13.3380, 51.1054,
-11.6974

■ 197.8520, 28.1740,
16.7928

■ 18.1190, 36.4233,
-15.8904

■ 223.8560, 15.3540,
22.0513

■ 11.7470, 27.2397,
-10.3021

■ 242.6730, 6.0772,

■ 6.7770, 18.3509,

10.8108

-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 65.0460, 80.8293,
-25.4733

■ 65.0460, 80.8293,
-25.4733

■ 45.8420, 90.2969,
-28.8024

■ 84.2500, 71.3618,
-22.1442

■ 34.3240, 95.9753,
-30.1021

■ 104.0410, 61.6048,
-19.3300

■ 123.2450, 52.1372,
-16.0009

■ 143.0360, 42.3803,
-13.1866

■ 162.2400, 32.9127,
-9.8575

■ 181.7320, 23.3031,
-7.6580

■ 200.9360, 13.8356,
-4.3289

■ 220.7270, 4.0786,
-1.5146

■ 239.9310, -5.3890,
1.8145

Harmonies

Analogous

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



84.2480, 84.1807, -73.8855



65.0460, 80.8293, -25.4733



72.3590, 43.2070, 95.2782

Triad

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



65.0460, 80.8293, -25.4733



66.0150, -32.5454, 78.9168



72.9550, 7.9102, -63.9815

Complementary

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



65.0460, 80.8293, -25.4733



199.9540, -80.8293, 25.4733

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.



61.6350, -30.3861, -54.0539



65.0460, 80.8293, -25.4733



75.3430, -37.1441, 13.7312

Square

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



65.0460, 80.8293, -25.4733



60.0990, -29.6288, 123.5702



58.1130, -28.6497, -50.9651



84.5200, 44.6066, -74.1240

Rectangle

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



65.0460, 80.8293, -25.4733



74.6460, 14.4715, 118.7055



58.1130, -28.6497, -50.9651



68.8340, -5.3412, -60.3674

Sweetspot

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



65.0460, 80.8293, -25.4733



200.6440, 26.7975, -8.4578



169.8110, 22.7712, -117.3522



95.2070, 16.1669, -5.4435



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.



65.0460, 80.8293, -25.4733



38.4620, 106.7532, -33.7312



83.1180, 71.9198, 32.3455



104.9550, 4.9522, -1.7145



26.8630, 75.0035, -23.5589



7.5750, 21.4085, -6.6433

Inverse Universe

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



95.0750, -23.2080, 117.4522



78.0690, -30.6000, 155.1685



181.8820, -71.9198, -32.3455



106.7020, -1.3321, 7.2773



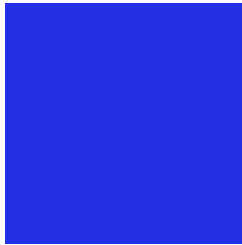
54.7750, -21.5811, 108.9453



15.5910, -6.2074, 31.0537

Previews

White Background



This preview shows how the YUV color 65.0460, 80.8293, -25.4733 looks on a white background.

Color Contrast Check

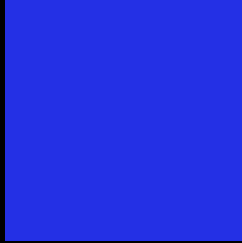
Large Text (above 18pt) WCAG AA ✓ Pass

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 65.0460, 80.8293, -25.4733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

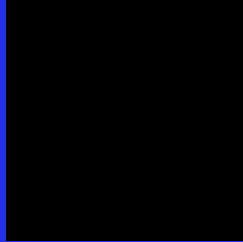
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.0460, 80.8293, -25.4733

Background



This preview shows how black text looks on a background with the YUV color 65.0460, 80.8293, -25.4733.



This preview shows how white text looks on a background with the YUV color 65.0460, 80.8293, -25.4733.

-25.4733.

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

65.0460, 80.8293, -25.4733

Deuteranopia

63.8660, 36.5481, -56.0105

Tritanopia

62.8450, 14.8664, -55.1151

Trichromacy



Original Color

65.0460, 80.8293, -25.4733

Deuteranomaly

64.4710, 52.5188, -45.1401

Tritanomaly

63.5130, 38.6941, -44.2999

Monochromacy



Original Color

65.0460, 80.8293, -25.4733

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.0290, 29.5657, -9.6724

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.0460, 80.8293, -25.4733 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(36, 48, 229)` looks like.

```
.text, #text, p{  
    color:rgb(36, 48, 229)  
}
```

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(36, 48, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 48, 229) }
```

Border

The CSS property to change the border of an element to YUV 65.0460, 80.8293, -25.4733 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(36, 48, 229) }
```

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

```
.border{ border-color:rgb(36, 48, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 48, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 48, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 48, 229);  
box-shadow:4px 4px 4px 4px rgb(36, 48,  
229) }
```


Background

The CSS property to change the background color of an element to YUV 65.0460, 80.8293, -25.4733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 48, 229) }
```

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

```
.background{ background-color: rgb(36, 48,  
229) }
```

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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