

Converting Colors

YUV(80.9470, 60.6651,
-44.6805)

Have a look what the booklet for
YUV(80.9470, 60.6651, -44.6805)
contains.

| | |
|--|----|
| YUV(80.9470, 60.6651, -44.6805) | 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> | 31 |

Color

**YUV(80.9470, 60.6651,
-44.6805)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 1E53CC |
| RGB | 30, 83, 204 |
| RGB Percent | 12%, 33%, 80% |
| CMY | 0.8824, 0.6745, 0.2000 |
| CMYK | 0.85, 0.59, 0.00, 0.20 |
| HSL | 222°, 74%, 46% |
| HSV | 222°, 85%, 80% |
| XYZ | 14.5278, 10.8222, 58.4499 |
| YIQ | 80.9470, -70.4290, 26.3950 |

Conversions

Conversions Part 2

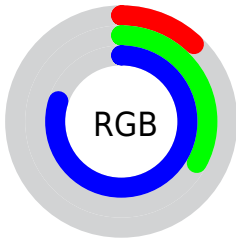
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 30, 71, 204 |
| Decimal | 1987532 |
| CIE _{Lab} | 39.28, 29.06, -67.23 |
| CIE _{LCh} | 39, 73.247, 293.377 |
| Yxy | 10.8222, 0.1734, 0.1291 |
| Android (android.graphics.Color) | 4280177612 (0xFF1E53CC) |
| YUV | 80.9470, 60.6651, -44.6805 |
| Hunter-Lab | 32.8971, 21.2580, -82.3157 |

Details

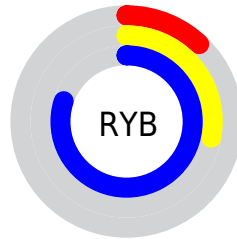
The YUV color **80.9470, 60.6651, -44.6805** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **153.0530, -60.6651, 44.6805**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.8460, 57.2639, -27.0519**, and **40.4660, 53.5073, -35.4887** is the 20% darker color. If you saturate the color by 10%, you get **66.7490, 67.6647, -49.7689**, and if you desaturate by 10%, it is **95.1450, 53.6655, -39.5922**.

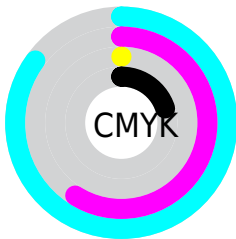
Distribution



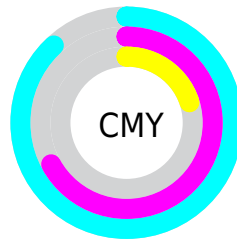
- Red (12%)
- Green (33%)
- Blue (80%)



- Red (12%)
- Yellow (28%)
- Blue (80%)



- Cyan (85%)
- Magenta (59%)
- Yellow (0%)
- Black (20%)



- Cyan (88%)
- Magenta (67%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.9470, 60.6651, -44.6805 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 80.9470, 60.6651, -44.6805 by changing the saturation by 10% instead.

■ 80.9470, 60.6651,
-44.6805

■ 80.9470, 60.6651,
-44.6805

■ 255.0000, 0.0000,
0.0000

■ 55.2840, 59.5130,
-48.4841

■ 138.8460, 57.2639,
-27.0519

■ 40.4660, 53.5073,
-35.4887

■ 163.3770, 45.1701,
-21.3786

■ 26.2350, 47.2121,
-23.0081

■ 188.4950, 32.7870,
-16.2201

■ 10.9440, 41.9326,
-9.5979

■ 213.3140, 20.5512,
-11.6764

■ 12.9040, 29.1343,
-11.3168

■ 239.0190, 7.8786,
-7.0327

■ 7.8200, 19.8087,
-6.8581

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 80.9470, 60.6651,
-44.6805

■ 80.9470, 60.6651,
-44.6805

■ 66.7490, 67.6647,
-49.7689

■ 95.1450, 53.6655,
-39.5922

■ 59.6500, 71.1645,
-52.3130

■ 109.6420, 46.5185,
-33.8890

■ 124.4270, 39.2295,
-29.3155

■ 138.9240, 32.0825,
-23.6123

■ 153.1220, 25.0829,
-18.5240

■ 167.3200, 18.0832,
-13.4356

■ 181.8170, 10.9362,
-7.7325

■ 196.0150, 3.9366,
-2.6442

■ 211.0990, -3.4998,
2.5442

Harmonies

Analogous

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



85.9170, 62.6519, -75.3492



80.9470, 60.6651, -44.6805



88.8900, 37.5222, 51.8395

Triad

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



80.9470, 60.6651, -44.6805



81.9190, -40.3861, 73.7390



76.8700, 0.0641, -67.4150

Complementary

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



80.9470, 60.6651, -44.6805



153.0530, -60.6651, 44.6805

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.



65.8580, -31.9750, -57.7575



80.9470, 60.6651, -44.6805



87.8570, -43.3135, 32.5744

Square

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



80.9470, 60.6651, -44.6805



62.5100, -6.1674, 111.8087



81.0920, -39.9784, -10.6047



84.5250, 26.8562, -74.1284

Rectangle

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



80.9470, 60.6651, -44.6805



68.1130, 29.5243, 97.2479



81.0920, -39.9784, -10.6047



73.8890, -8.8193, -64.8007

Sweetspot

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



80.9470, 60.6651, -44.6805



208.2640, 23.0408, -16.8945



145.7040, 1.6249, -101.4724



99.6040, 13.9992, -10.1767



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.



80.9470, 60.6651, -44.6805



74.8560, 88.8110, -65.6487



59.4040, 71.2858, 2.2767



94.9010, 3.4998, -2.5442



48.2740, 58.0389, -42.3363



11.3760, 13.1256, -9.9768

Inverse Universe

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



88.0680, -2.4985, 101.6724



85.1370, -3.5185, 148.9699



174.5960, -71.2858, -2.2767



95.3320, -0.1637, 5.8478



55.3340, -2.6297, 97.0541



12.7300, -0.3599, 22.1618

Previews

White Background



This preview shows how the YUV color 80.9470, 60.6651, -44.6805 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 × Fail

Black Background



This preview shows how the YUV color 80.9470, 60.6651, -44.6805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

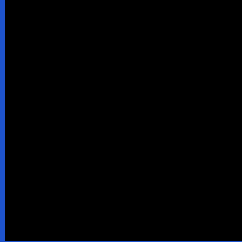
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.9470, 60.6651, -44.6805

Background



This preview shows how black text looks on a background with the YUV color 80.9470, 60.6651, -44.6805.



This preview shows how white text looks on a background with the YUV color 80.9470, 60.6651,

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

80.9470, 60.6651, -44.6805

Protanopia

73.6750, 56.3622, -64.6130

Deuteranopia

73.5320, 43.1217, -64.4876



Tritanopia

72.1860, 17.6563, -63.3071

Trichromacy



Original Color

80.9470, 60.6651, -44.6805

Protanomaly

76.4740, 57.9403, -57.4207

Deuteranomaly

76.2970, 49.6466, -57.2655

Tritanomaly

75.3560, 33.3485, -56.4402

Monochromacy



Original Color

80.9470, 60.6651, -44.6805

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0360, 22.1673, -16.6946

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.9470, 60.6651, -44.6805 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, 83, 204)` looks like.

```
.text, #text, p{  
    color:rgb(30, 83, 204)  
}
```

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, 83, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 83, 204) }
```

Border

The CSS property to change the border of an element to YUV 80.9470, 60.6651, -44.6805 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, 83, 204) }
```


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

```
.border{ border-color:rgb(30, 83, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 83, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 83, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 83, 204);  
box-shadow:4px 4px 4px 4px rgb(30, 83,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 80.9470, 60.6651, -44.6805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 83, 204) }
```

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

```
.background{ background-color: rgb(30, 83,  
204) }
```

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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