

Converting Colors

YUV(80.0560, -21.7196,
13.1059)

Have a look what the booklet for
YUV(80.0560, -21.7196, 13.1059)
contains.

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Color

**YUV(80.0560, -21.7196,
13.1059)**

Conversions

Conversions Part 1

Format	Color
Hex	5F5124
RGB	95, 81, 36
RGB Percent	37%, 32%, 14%
CMY	0.6275, 0.6824, 0.8588
CMYK	0.00, 0.15, 0.62, 0.63
HSL	46°, 45%, 26%
HSV	46°, 62%, 37%
XYZ	7.9802, 8.4451, 2.8785
YIQ	80.0560, 22.7890, -11.0270

Conversions

Conversions Part 2

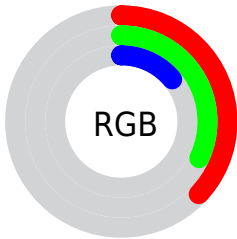
Format	Color
R_{YB}	54, 95, 36
Decimal	6246692
CIE Lab	34.89, -0.43, 28.17
CIE LCh	35, 28.170, 90.866
Yxy	8.4451, 0.4134, 0.4375
Android (android.graphics.Color)	4284436772 (0xFF5F5124)
YUV	80.0560, -21.7196, 13.1059
Hunter-Lab	29.0605, -1.8388, 14.4695

Details

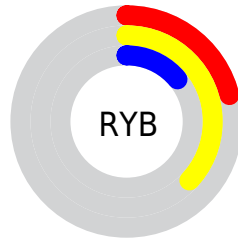
The YUV color **80.0560, -21.7196, 13.1059** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **50.9440, 21.7196, -13.1059**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.6110, -23.4722, 15.2502**, and **35.7720, -17.6356, 9.8470** is the 20% darker color. If you saturate the color by 10%, you get **77.7420, -25.5088, 15.1353**, and if you desaturate by 10%, it is **82.2560, -18.3672, 11.1765**.

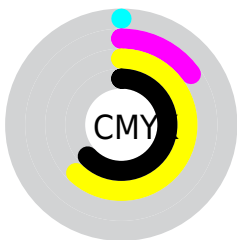
Distribution



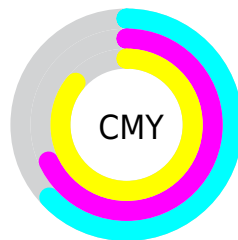
- Red (37%)
- Green (32%)
- Blue (14%)



- Red (21%)
- Yellow (37%)
- Blue (14%)



- Cyan (0%)
- Magenta (15%)
- Yellow (62%)
- Black (63%)



- Cyan (63%)
- Magenta (68%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.0560, -21.7196, 13.1059 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 80.0560, -21.7196, 13.1059 by changing the saturation by 10% instead.

80.0560, -21.7196,
13.1059

80.0560, -21.7196,
13.1059

255.0000, 0.0000,
0.0000

56.5720, -20.9880,
11.7764

129.6110,
-23.4722, 15.2502

35.7720, -17.6356,
9.8470

155.7960,
-24.0564, 15.9649

15.9700, -7.8732,
5.2883

182.9810,
-24.6406, 16.6797

0.0000, 0.0000,
0.0000

210.4650,
-25.3722, 18.0092

237.7420,
-25.5088, 15.1353

250.3260,

-17.9087, 4.0991

253.5180, -5.6784,
1.2997

80.0560, -21.7196,
13.1059

80.0560, -21.7196,
13.1059

77.7420, -25.5088,
15.1353

82.2560, -18.3672,
11.1765

74.9550, -28.5718,
17.5795

85.1570, -14.8674,
8.6323

72.7550, -31.9242,
19.5089

87.4710, -11.0782,
6.6029

70.6690, -34.8398,
21.3383

89.6710, -7.7258,
4.6735

91.9850, -3.9366,
2.6442

■ 94.7720, -0.8736,
0.2000

■ 97.0860, 2.9156,
-1.8294

■ 99.2860, 6.2680,
-3.7588

■ 101.6000, 10.0572,
-5.7882

Harmonies

Analogous

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



81.5400, -19.0002, 27.5904



80.0560, -21.7196, 13.1059



77.9720, -17.7342, -5.2374

Triad

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



80.0560, -21.7196, 13.1059



66.4470, 18.5136, -58.2740



84.6620, 9.5336, 22.2214

Complementary

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



80.0560, -21.7196, 13.1059



50.9440, 21.7196, -13.1059

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.



83.8210, 18.3292, 1.0340



80.0560, -21.7196, 13.1059



66.6240, 26.8074, -58.4292

Square

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



80.0560, -21.7196, 13.1059



64.5260, 8.6147, -56.5893



77.2410, 24.5312, -28.2754



83.1060, -0.5453, 34.9870

Rectangle

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



80.0560, -21.7196, 13.1059



75.6050, -11.1443, -18.9476



77.2410, 24.5312, -28.2754



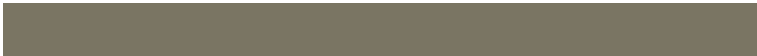
84.5410, 13.0443, 16.1885

Sweetspot

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



80.0560, -21.7196, 13.1059



116.4430, -8.5994, 4.8735



55.3510, -2.1450, 34.7722



57.6430, -5.2470, 2.9441



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



80.0560, -21.7196, 13.1059



99.2990, -33.6714, 19.9088



83.7890, -23.5600, -3.3230



46.9570, -1.4578, 0.9147



83.9700, -41.3972, 24.5823



179.1810, -88.3362, 53.3383

Inverse Universe

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



50.9440, 21.7196, -13.1059



53.7010, 33.6714, -19.9088



47.2110, 23.5600, 3.3230



45.0430, 1.4578, -0.9147



28.6170, 41.1078, -25.0971



60.8190, 88.3362, -53.3383

Previews

White Background



This preview shows how the YUV color 80.0560, -21.7196, 13.1059 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 80.0560, -21.7196, 13.1059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

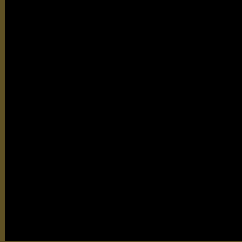
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.0560, -21.7196, 13.1059

Background



This preview shows how black text looks on a background with the YUV color 80.0560, -21.7196, 13.1059.



This preview shows how white text looks on a background with the YUV color 80.0560, -21.7196,

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

80.0560, -21.7196, 13.1059

Protanopia

79.4470, -21.4194, 10.1320

Deuteranopia

80.5020, -21.4465, 18.8537



Tritanopia

83.5610, -0.7696, 13.5400

Trichromacy



Original Color

80.0560, -21.7196, 13.1059

Protanomaly

79.7460, -21.5668, 10.7468

Deuteranomaly

80.1920, -21.2937, 16.4946

Tritanomaly

82.4980, -8.6265, 13.5953

Monochromacy



Original Color

80.0560, -21.7196, 13.1059

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.6710, -7.7258, 4.6735

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.0560, -21.7196, 13.1059 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(95, 81, 36)` looks like.

```
.text, #text, p{  
    color:rgb(95, 81, 36)  
}
```

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(95, 81, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 81, 36) }
```

Border

The CSS property to change the border of an element to YUV 80.0560, -21.7196, 13.1059 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(95, 81, 36) }
```


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

```
.border{ border-color:rgb(95, 81, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 81, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 81, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 81, 36);  
box-shadow:4px 4px 4px 4px rgb(95, 81, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.0560, -21.7196, 13.1059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 81, 36) }
```

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

```
.background{ background-color: rgb(95, 81,  
36) }
```

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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