

Converting Colors

YUV(80.0280, -19.2408,
11.3764)

Have a look what the booklet for
YUV(80.0280, -19.2408, 11.3764)
contains.

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Color

**YUV(80.0280, -19.2408,
11.3764)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5129
RGB	93, 81, 41
RGB Percent	36%, 32%, 16%
CMY	0.6353, 0.6824, 0.8392
CMYK	0.00, 0.13, 0.56, 0.64
HSL	46°, 39%, 26%
HSV	46°, 56%, 36%
XYZ	7.8569, 8.3721, 3.2997
YIQ	80.0280, 19.9920, -9.8960

Conversions

Conversions Part 2

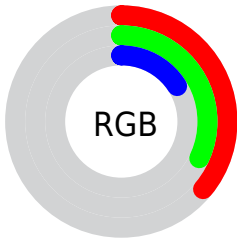
Format	Color
RYB	57, 93, 41
Decimal	6115625
CIELab	34.75, -0.93, 25.14
CIElCh	35, 25.156, 92.108
Yxy	8.3721, 0.4023, 0.4287
Android (android.graphics.Color)	4284305705 (0xFF5D5129)
YUV	80.0280, -19.2408, 11.3764
Hunter-Lab	28.9346, -2.1659, 13.4928

Details

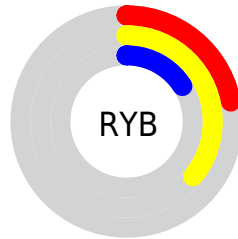
The YUV color **80.0280, -19.2408, 11.3764** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **53.9720, 19.2408, -11.3764**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.5830, -20.9934, 13.5207**, and **35.4730, -17.4882, 9.2322** is the 20% darker color. If you saturate the color by 10%, you get **77.8280, -22.5932, 13.3058**, and if you desaturate by 10%, it is **82.2280, -15.8884, 9.4470**.

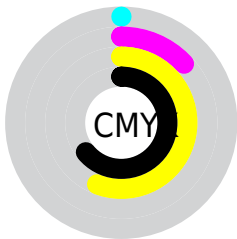
Distribution



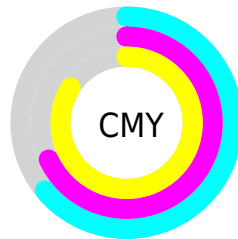
- Red (36%)
- Green (32%)
- Blue (16%)



- Red (22%)
- Yellow (36%)
- Blue (16%)



- Cyan (0%)
- Magenta (13%)
- Yellow (56%)
- Black (64%)



- Cyan (64%)
- Magenta (68%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.0280, -19.2408, 11.3764 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 80.0280, -19.2408, 11.3764 by changing the saturation by 10% instead.

80.0280, -19.2408,
11.3764

80.0280, -19.2408,
11.3764

255.0000, 0.0000,
0.0000

56.5440, -18.5092,
10.0469

129.5830,
-20.9934, 13.5207

35.4730, -17.4882,
9.2322

155.7680,
-21.5776, 14.2355

15.6710, -7.7258,
4.6735

182.9530,
-22.1618, 14.9502

0.0000, 0.0000,
0.0000

210.1380,
-22.7460, 15.6650

238.3120,
-23.3248, 14.6354

250.8960,

-15.7247, 3.5992

254.2020, -3.0576,
0.6998

80.0280, -19.2408,
11.3764

80.0280, -19.2408,
11.3764

77.8280, -22.5932,
13.3058

82.2280, -15.8884,
9.4470

75.5140, -26.3824,
15.3352

84.5420, -12.0992,
7.4177

73.3140, -29.7348,
17.2646

86.7420, -8.7468,
5.4883

70.5270, -32.7978,
19.7088

89.5290, -5.6838,
3.0441

70.0710, -34.5450,
20.1087

91.8430, -1.8946,
1.0147

■ 94.0430, 1.4578,
-0.9147

■ 96.2430, 4.8102,
-2.8441

■ 98.4430, 8.1626,
-4.7735

■ 100.7570, 11.9518,
-6.8029

Harmonies

Analogous

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



81.3870, -16.9528, 24.2166



80.0280, -19.2408, 11.3764



77.9550, -15.2608, -5.2225

Triad

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



80.0280, -19.2408, 11.3764



65.6320, 17.9294, -57.5593



84.3090, 8.2287, 20.7770

Complementary

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



80.0280, -19.2408, 11.3764



53.9720, 19.2408, -11.3764

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.



83.5500, 15.9979, 2.1487



80.0280, -19.2408, 11.3764



65.5810, 25.3496, -57.5145

Square

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



80.0280, -19.2408, 11.3764



66.4560, 8.1562, -49.5119



78.4760, 21.4573, -22.3425



83.5570, -1.2606, 31.0835

Rectangle

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



80.0280, -19.2408, 11.3764



75.9580, -9.8393, -17.5032



78.4760, 21.4573, -22.3425



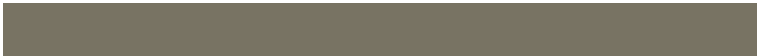
84.3730, 11.1551, 15.4589

Sweetspot

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



80.0280, -19.2408, 11.3764



114.6710, -7.7258, 4.6735



57.9160, -2.4236, 30.7687



57.8710, -4.3734, 2.7441



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.



80.0280, -19.2408, 11.3764



99.7270, -29.4454, 17.7794



82.8860, -20.6498, -3.4080



44.8430, -1.8946, 1.0147



82.1980, -40.5236, 24.3824



177.6970, -87.6046, 52.0087

Inverse Universe

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



53.9720, 19.2408, -11.3764



59.6860, 29.7348, -17.2646



51.1140, 20.6498, 3.4080



42.1570, 1.8946, -1.0147



27.2150, 40.8130, -23.8676



59.3030, 87.6046, -52.0087

Previews

White Background



This preview shows how the YUV color 80.0280, -19.2408, 11.3764 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 80.0280, -19.2408, 11.3764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

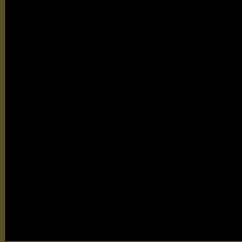
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.0280, -19.2408, 11.3764

Background



This preview shows how black text looks on a background with the YUV color 80.0280, -19.2408, 11.3764.



This preview shows how white text looks on a background with the YUV color 80.0280, -19.2408,

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

80.0280, -19.2408, 11.3764

Protanopia

79.7180, -19.0880, 9.0173

Deuteranopia

80.7730, -19.1151, 17.7391



Tritanopia

82.9630, -0.4748, 12.3104

Trichromacy



Original Color

80.0280, -19.2408, 11.3764

Protanomaly

80.0170, -19.2354, 9.6321

Deuteranomaly

80.4630, -18.9623, 15.3799

Tritanomaly

82.1280, -7.4581, 12.1657

Monochromacy



Original Color

80.0280, -19.2408, 11.3764

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.8990, -6.8522, 4.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.0280, -19.2408, 11.3764 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(93, 81, 41)` looks like.

```
.text, #text, p{  
    color:rgb(93, 81, 41)  
}
```

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(93, 81, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 81, 41) }
```

Border

The CSS property to change the border of an element to YUV 80.0280, -19.2408, 11.3764 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(93, 81, 41) }
```


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

```
.border{ border-color:rgb(93, 81, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 81, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 81, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 81, 41);  
box-shadow:4px 4px 4px 4px rgb(93, 81, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.0280, -19.2408, 11.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 81, 41) }
```

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

```
.background{ background-color: rgb(93, 81,  
41) }
```

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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