

Converting Colors

YUV(80.5190, -27.3709, 5.6838)

Have a look what the booklet for
YUV(80.5190, -27.3709, 5.6838)
contains.

YUV(80.5190, -27.3709, 5.6838)	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(80.5190, -27.3709,
5.6838)**

Conversions

Conversions Part 1

Format	Color
Hex	575819
RGB	87, 88, 25
RGB Percent	34%, 35%, 10%
CMY	0.6588, 0.6549, 0.9020
CMYK	0.01, 0.00, 0.72, 0.65
HSL	61°, 56%, 22%
HSV	61°, 72%, 35%
XYZ	7.5957, 9.0759, 2.2712
YIQ	80.5190, 19.6270, -19.8050

Conversions

Conversions Part 2

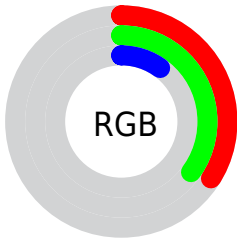
Format	Color
R_{YB}	25, 88, 26
Decimal	5724185
CIE Lab	36.13, -9.33, 34.82
CIE LCh	36, 36.053, 105.000
Yxy	9.0759, 0.4010, 0.4791
Android (android.graphics.Color)	4283914265 (0xFF575819)
YUV	80.5190, -27.3709, 5.6838
Hunter-Lab	30.1262, -7.7159, 16.6185

Details

The YUV color **80.5190, -27.3709, 5.6838** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **32.4810, 27.3709, -5.6838**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.8890, -28.5393, 7.1133**, and **36.9020, -18.1927, 1.8399** is the 20% darker color. If you saturate the color by 10%, you get **79.4930, -31.3020, 6.5836**, and if you desaturate by 10%, it is **81.5450, -23.4397, 4.7840**.

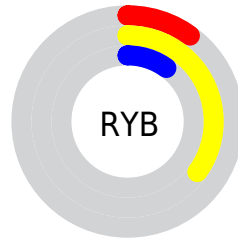
Distribution



Red (34%)

Green (35%)

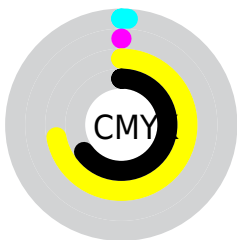
Blue (10%)



Red (10%)

Yellow (35%)

Blue (10%)

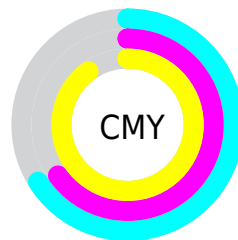


Cyan (1%)

Magenta (0%)

Yellow (72%)

Black (65%)



Cyan (66%)

Magenta (65%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.5190, -27.3709, 5.6838 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 80.5190, -27.3709, 5.6838 by changing the saturation by 10% instead.

■ 80.5190, -27.3709,
5.6838

■ 80.5190, -27.3709,
5.6838

255.0000, 0.0000,
0.0000

■ 56.6930, -27.9496,
4.6542

■ 130.8890,
-28.5393, 7.1133

■ 36.9020, -18.1927,
1.8399

■ 156.9600,
-29.5603, 7.9281

■ 16.4910, -8.1301,
-5.6926

■ 184.1450,
-30.1445, 8.6428

■ 0.0000, 0.0000,
0.0000

■ 211.9170,
-31.0181, 8.8428

■ 240.1020,
-31.6023, 9.5575

■ 249.1860,

-22.2767, 5.0989

■ 252.3780,
-10.0464, 2.2995

■ 80.5190, -27.3709,
5.6838

■ 80.5190, -27.3709,
5.6838

■ 79.4930, -31.3020,
6.5836

■ 81.5450, -23.4397,
4.7840

■ 78.4670, -35.2332,
7.4834

■ 82.5710, -19.5085,
3.8842

■ 77.6690, -38.2908,
8.1833

■ 83.4830, -16.0141,
3.0844

■ 84.8080, -12.2303,
2.7994

■ 85.8340, -8.2992,
1.8996

■ 86.8600, -4.3680,
0.9998

■ 87.8860, -0.4368,
0.1000

■ 88.7980, 3.0576,
-0.6998

■ 89.8240, 6.9888,
-1.5996

Harmonies

Analogous

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



82.6510, -27.4359, 26.6161



80.5190, -27.3709, 5.6838



76.6990, -17.1066, -19.9070

Triad

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



80.5190, -27.3709, 5.6838



71.1890, 26.5288, -62.4328



86.1910, 7.3008, 38.4205

Complementary

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



80.5190, -27.3709, 5.6838



32.4810, 27.3709, -5.6838

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.



87.4360, 19.0121, 15.4036



80.5190, -27.3709, 5.6838



70.0780, 34.9645, -61.4584

Square

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



80.5190, -27.3709, 5.6838



69.3990, 14.5933, -60.8629



82.7350, 28.7246, -19.9386



84.1030, -5.9668, 47.2677

Rectangle

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



80.5190, -27.3709, 5.6838



69.3460, -5.1006, -44.1534



82.7350, 28.7246, -19.9386



87.1840, 11.2483, 32.2876

Sweetspot

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



80.5190, -27.3709, 5.6838



111.9650, -10.3357, 1.7847



43.8370, -9.2866, 38.7310



56.9910, -6.4046, 0.8849



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



80.5190, -27.3709, 5.6838



103.1160, -42.9482, 8.6683



71.5490, -22.9487, -12.7595



42.5440, -1.7472, 0.3999



94.2040, -46.4426, 9.4681



207.0140, -102.0579, 21.0357

Inverse Universe

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



32.4810, 27.3709, -5.6838



27.8840, 42.9482, -8.6683



41.7500, 22.8012, 13.3742



39.4560, 1.7472, -0.3999



12.7960, 46.4426, -9.4681



27.9860, 102.0579, -21.0357

Previews

White Background



This preview shows how the YUV color 80.5190, -27.3709, 5.6838 looks on a white background.

Color Contrast Check

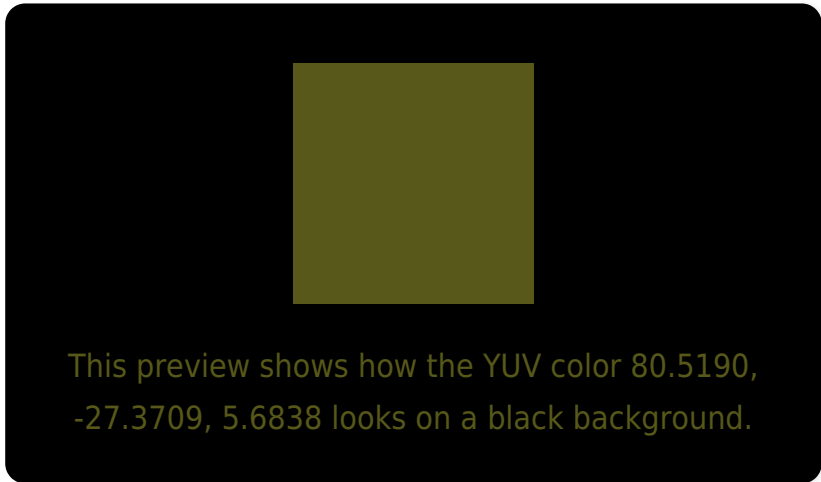
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

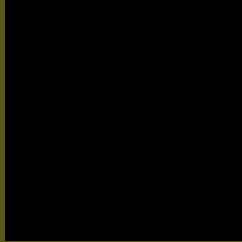
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.5190, -27.3709, 5.6838

Background



This preview shows how black text looks on a background with the YUV color 80.5190, -27.3709, 5.6838.



This preview shows how white text looks on a background with the YUV color 80.5190, -27.3709,

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

80.5190, -27.3709, 5.6838

Protanopia

81.0360, -28.1187, 12.2464

Deuteranopia

82.4330, -26.8355, 20.6683



Tritanopia

86.0870, 1.4361, 6.0627

Trichromacy



Original Color

80.5190, -27.3709, 5.6838

Protanomaly

80.7260, -27.9659, 9.8873

Deuteranomaly

81.9870, -27.1086, 14.9204

Tritanomaly

84.0410, -8.8942, 6.1030

Monochromacy



Original Color

80.5190, -27.3709, 5.6838

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0790, -9.8989, 1.6847

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.5190, -27.3709, 5.6838 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(87, 88, 25)` looks like.

```
.text, #text, p{  
    color:rgb(87, 88, 25)  
}
```

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(87, 88, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 88, 25) }
```

Border

The CSS property to change the border of an element to YUV 80.5190, -27.3709, 5.6838 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(87, 88, 25) }
```


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

```
.border{ border-color:rgb(87, 88, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 88, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 88, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 88, 25);  
box-shadow:4px 4px 4px 4px rgb(87, 88, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.5190, -27.3709, 5.6838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 88, 25) }
```

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

```
.background{ background-color: rgb(87, 88,  
25) }
```

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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