

Converting Colors

YUV(80.8050, 29.1831,
-27.0160)

Have a look what the booklet for
YUV(80.8050, 29.1831, -27.0160)
contains.

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Color

**YUV(80.8050, 29.1831,
-27.0160)**

Conversions

Conversions Part 1

Format	Color
Hex	32558C
RGB	50, 85, 140
RGB Percent	20%, 33%, 55%
CMY	0.8039, 0.6667, 0.4510
CMYK	0.64, 0.39, 0.00, 0.45
HSL	217°, 47%, 37%
HSV	217°, 64%, 55%
XYZ	9.2975, 9.0686, 26.0713
YIQ	80.8050, -38.5150, 9.6850

Conversions

Conversions Part 2

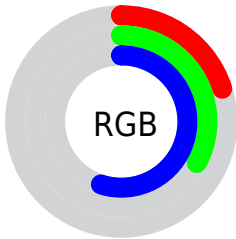
Format	Color
RYB	50, 75, 140
Decimal	3298700
CIELab	36.12, 5.74, -34.34
CIELCh	36, 34.815, 279.495
Yxy	9.0686, 0.2092, 0.2041
Android (android.graphics.Color)	4281488780 (0xFF32558C)
YUV	80.8050, 29.1831, -27.0160
Hunter-Lab	30.1140, 2.4111, -30.2506

Details

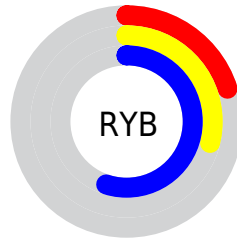
The YUV color **80.8050, 29.1831, -27.0160** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **109.1950, -29.1831, 27.0160**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.1690, 30.4827, -23.8272**, and **34.2130, 27.0100, -30.0048** is the 20% darker color. If you saturate the color by 10%, you get **71.3360, 33.8514, -30.9897**, and if you desaturate by 10%, it is **90.2740, 24.5149, -23.0423**.

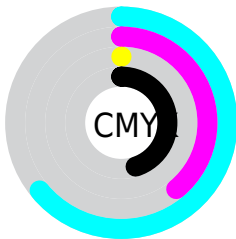
Distribution



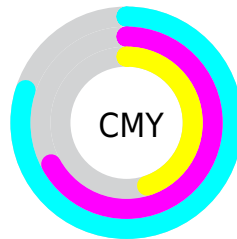
- Red (20%)
- Green (33%)
- Blue (55%)



- Red (20%)
- Yellow (29%)
- Blue (55%)



- Cyan (64%)
- Magenta (39%)
- Yellow (0%)
- Black (45%)



- Cyan (80%)
- Magenta (67%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.8050, 29.1831, -27.0160 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 80.8050, 29.1831, -27.0160 by changing the saturation by 10% instead.

■ 80.8050, 29.1831,
-27.0160

■ 80.8050, 29.1831,
-27.0160

■ 255.0000, 0.0000,
0.0000

■ 54.1740, 29.4942,
-33.4786

■ 132.1690, 30.4827,
-23.8272

■ 34.2130, 27.0100,
-30.0048

■ 158.6960, 31.2089,
-23.4124

■ 19.8510, 22.7515,
-17.4093

■ 186.2230, 31.9351,
-22.9976

■ 6.6630, 17.9141,
-5.8435

■ 211.4870, 21.4519,
-20.5981

■ 2.9810, 8.8834,
-2.6143

■ 236.5940, 9.0742,
-17.1839

■ 0.0000, 0.0000,
0.0000

■ 252.3090, 1.3267,

-5.5330

■ 80.8050, 29.1831,
-27.0160

■ 80.8050, 29.1831,
-27.0160

■ 71.3360, 33.8514,
-30.9897

■ 90.2740, 24.5149,
-23.0423

■ 62.4540, 38.2302,
-35.4782

■ 99.1560, 20.1361,
-18.5538

■ 52.9850, 42.8984,
-39.4518

■ 108.6250, 15.4679,
-14.5801

■ 47.6580, 45.5246,
-41.7961

■ 117.5070, 11.0890,
-10.0916

■ 126.9760, 6.4208,
-6.1180

■ 135.8580, 2.0420,
-1.6295

■ 145.3270, -2.6262,
2.3442

■ 154.2090, -7.0050,
6.8327

■ 163.6780,
-11.6733, 10.8064

Harmonies

Analogous

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



70.2090, 32.9280, -61.5733



80.8050, 29.1831, -27.0160



87.3320, 20.0493, 9.3558

Triad

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



80.8050, 29.1831, -27.0160



84.0240, -16.2808, 42.0750



67.5240, -1.7373, -49.5715

Complementary

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



80.8050, 29.1831, -27.0160



109.1950, -29.1831, 27.0160

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.



77.6890, -18.5807, -13.7593



80.8050, 29.1831, -27.0160



83.5310, -25.4048, 28.4753

Square

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



80.8050, 29.1831, -27.0160



84.9610, -3.9248, 45.6382



80.9540, -27.0923, 9.6873



68.7150, 11.9725, -60.2631

Rectangle

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



80.8050, 29.1831, -27.0160



87.9060, 12.8643, 27.2694



80.9540, -27.0923, 9.6873



73.0870, -8.9169, -33.4023

Sweetspot

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



80.8050, 29.1831, -27.0160



158.5070, 11.0890, -10.0916



108.9860, -2.4581, -51.7307



78.0900, 6.8576, -6.2179



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



80.8050, 29.1831, -27.0160



89.5440, 45.0878, -41.6961



62.9510, 37.9852, -3.4650



64.5590, 2.1894, -2.2442



45.6860, 43.0458, -40.0666



1.7440, 1.6052, -1.5295

Inverse Universe

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



80.9000, 2.0213, 51.8307



89.7170, 3.0975, 80.0552



127.0490, -37.9852, 3.4650



64.4350, 0.2785, 4.0035



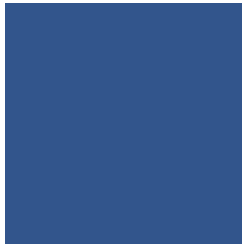
45.6950, 3.1084, 76.5665



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 80.8050, 29.1831, -27.0160 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 80.8050, 29.1831, -27.0160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

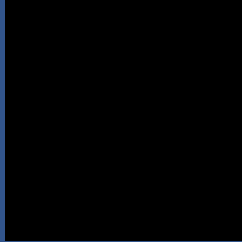
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.8050, 29.1831, -27.0160

Background



This preview shows how black text looks on a background with the YUV color 80.8050, 29.1831, -27.0160.



This preview shows how white text looks on a background with the YUV color 80.8050, 29.1831,

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

80.8050, 29.1831, -27.0160

Protanopia

83.2900, 26.9720, -17.7943

Deuteranopia

80.5060, 29.3305, -27.6308



Tritanopia

74.4770, 13.0758, -40.7603

Trichromacy



Original Color

80.8050, 29.1831, -27.0160

Protanomaly

82.4960, 27.8565, -21.4830

Deuteranomaly

80.5060, 29.3305, -27.6308

Tritanomaly

76.7040, 18.8799, -35.6974

Monochromacy



Original Color

80.8050, 29.1831, -27.0160

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.6920, 10.5048, -9.3769

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.8050, 29.1831, -27.0160 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(50, 85, 140)` looks like.

```
.text, #text, p{  
    color:rgb(50, 85, 140)  
}
```

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(50, 85, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 85, 140) }
```

Border

The CSS property to change the border of an element to YUV 80.8050, 29.1831, -27.0160 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(50, 85, 140) }
```


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

```
.border{ border-color:rgb(50, 85, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 85, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 85, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 85, 140);  
box-shadow:4px 4px 4px 4px rgb(50, 85,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 80.8050, 29.1831, -27.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 85, 140) }
```

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

```
.background{ background-color: rgb(50, 85,  
140) }
```

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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