

Converting Colors

YUV(82.5470, 37.1983,
-31.1747)

Have a look what the booklet for
YUV(82.5470, 37.1983, -31.1747)
contains.

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Color

**YUV(82.5470, 37.1983,
-31.1747)**

Conversions

Conversions Part 1

Format	Color
Hex	2F569E
RGB	47, 86, 158
RGB Percent	18%, 34%, 62%
CMY	0.8157, 0.6627, 0.3804
CMYK	0.70, 0.46, 0.00, 0.38
HSL	219°, 54%, 40%
HSV	219°, 70%, 62%
XYZ	10.6716, 9.7285, 33.6631
YIQ	82.5470, -46.3560, 14.1240

Conversions

Conversions Part 2

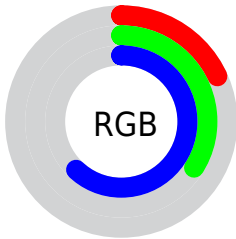
Format	Color
R _Y B	47, 76, 158
Decimal	3102366
CIE Lab	37.35, 11.25, -43.25
CIE LCh	37, 44.693, 284.583
Yxy	9.7285, 0.1974, 0.1799
Android (android.graphics.Color)	4281292446 (0xFF2F569E)
YUV	82.5470, 37.1983, -31.1747
Hunter-Lab	31.1906, 6.4889, -42.1565

Details

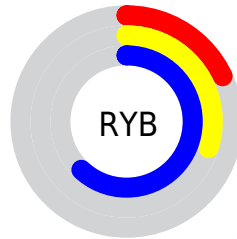
The YUV color **82.5470, 37.1983, -31.1747** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **122.4530, -37.1983, 31.1747**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.2210, 38.3450, -25.6268**, and **36.7380, 34.1462, -32.2192** is the 20% darker color. If you saturate the color by 10%, you get **71.8930, 42.4508, -35.8632**, and if you desaturate by 10%, it is **93.2010, 31.9459, -26.4863**.

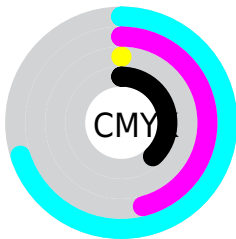
Distribution



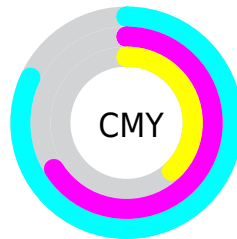
- Red (18%)
- Green (34%)
- Blue (62%)



- Red (18%)
- Yellow (30%)
- Blue (62%)



- Cyan (70%)
- Magenta (46%)
- Yellow (0%)
- Black (38%)



- Cyan (82%)
- Magenta (66%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.5470, 37.1983, -31.1747 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 82.5470, 37.1983, -31.1747 by changing the saturation by 10% instead.

■ 82.5470, 37.1983,
-31.1747

■ 82.5470, 37.1983,
-31.1747

■ 255.0000, 0.0000,
0.0000

■ 52.0290, 39.4257,
-45.6294

■ 135.2210, 38.3450,
-25.6268

■ 36.7380, 34.1462,
-32.2192

■ 162.1610, 39.3606,
-24.6972

■ 22.1480, 29.0140,
-19.4238

■ 188.1630, 32.9506,
-22.0680

■ 9.5470, 23.8873,
-8.3727

■ 212.9710, 20.7203,
-19.2686

■ 5.1640, 14.7091,
-4.5288

■ 238.3770, 8.1951,
-15.2396

■ 1.1400, 4.3680,
-0.9998

■ 253.5050, 0.7370,

■ 0.0000, 0.0000,

-3.0739

0.0000

■ 82.5470, 37.1983,
-31.1747

■ 82.5470, 37.1983,
-31.1747

■ 71.8930, 42.4508,
-35.8632

■ 93.2010, 31.9459,
-26.4863

■ 61.2390, 47.7032,
-40.5516

■ 103.8550, 26.6935,
-21.7978

■ 50.8840, 52.8082,
-44.6253

■ 114.7970, 21.2991,
-18.2390

■ 125.4510, 16.0467,
-13.5505

■ 136.1050, 10.7942,
-8.8621

■ 146.7590, 5.5418,
-4.1736

■ 158.0000, 0.0000,
0.0000

■ 168.3550, -5.1050,
4.0737

■ 179.0090,
-10.3574, 8.7621

Harmonies

Analogous

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



74.8370, 40.5064, -65.6320



82.5470, 37.1983, -31.1747



90.5380, 24.3848, 18.8222

Triad

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



82.5470, 37.1983, -31.1747



84.9560, -23.1493, 51.7816



68.6860, -0.8312, -60.2376

Complementary

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



82.5470, 37.1983, -31.1747



122.4530, -37.1983, 31.1747

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.



75.8140, -21.6003, -25.2699



82.5470, 37.1983, -31.1747



83.6920, -36.3302, 32.7191

Square

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



82.5470, 37.1983, -31.1747



85.0660, -6.4415, 59.5781



81.0710, -37.9960, 6.9537



73.6050, 15.4777, -64.5516

Rectangle

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



82.5470, 37.1983, -31.1747



89.2650, 15.1524, 40.1096



81.0710, -37.9960, 6.9537



66.7310, -5.7834, -58.5231

Sweetspot

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



82.5470, 37.1983, -31.1747



176.8210, 14.8782, -12.1210



120.1370, -1.5465, -64.1411



86.9480, 8.8996, -7.8474



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



82.5470, 37.1983, -31.1747



88.6430, 58.3500, -48.7989



64.1390, 46.2735, -1.8759



73.6730, 2.6262, -2.3442



45.6520, 47.9926, -40.0368



4.6450, 5.1050, -4.0737

Inverse Universe

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



84.6350, 0.6729, 64.3411



91.9800, 0.9959, 100.8725



140.8610, -46.2735, 1.8759



73.7340, 0.1311, 4.6183



48.4570, 0.7607, 82.9142



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 82.5470, 37.1983, -31.1747 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 82.5470, 37.1983, -31.1747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

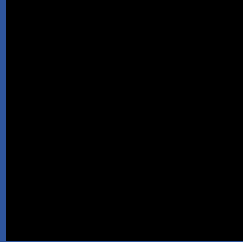
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.5470, 37.1983, -31.1747

Background



This preview shows how black text looks on a background with the YUV color 82.5470, 37.1983, -31.1747.



This preview shows how white text looks on a background with the YUV color 82.5470, 37.1983, -31.1747.

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

82.5470, 37.1983, -31.1747

Protanopia

83.6400, 36.1665, -26.8713

Deuteranopia

74.6260, 40.6104, -52.2920



Tritanopia

68.9090, 17.7929, -60.4332

Trichromacy



Original Color

82.5470, 37.1983, -31.1747

Protanomaly

83.0420, 36.4613, -28.1008

Deuteranomaly

77.6270, 39.1309, -44.3999

Tritanomaly

73.8100, 24.7437, -49.8224

Monochromacy



Original Color

82.5470, 37.1983, -31.1747

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.7780, 13.4204, -11.2063

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.5470, 37.1983, -31.1747 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(47, 86, 158)` looks like.

```
.text, #text, p{  
    color:rgb(47, 86, 158)  
}
```

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(47, 86, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 86, 158) }
```

Border

The CSS property to change the border of an element to YUV 82.5470, 37.1983, -31.1747 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(47, 86, 158) }
```


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

```
.border{ border-color:rgb(47, 86, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 86, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 86, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 86, 158);  
box-shadow:4px 4px 4px 4px rgb(47, 86,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 82.5470, 37.1983, -31.1747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 86, 158) }
```

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

```
.background{ background-color: rgb(47, 86,  
158) }
```

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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