

Converting Colors

YUV(64.2370, 57.5642,
-30.0258)

Have a look what the booklet for
YUV(64.2370, 57.5642, -30.0258)
contains.

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Color

**YUV(64.2370, 57.5642,
-30.0258)**

Conversions

Conversions Part 1

Format	Color
Hex	1E3BB5
RGB	30, 59, 181
RGB Percent	12%, 23%, 71%
CMY	0.8824, 0.7686, 0.2902
CMYK	0.83, 0.67, 0.00, 0.29
HSL	228°, 72%, 41%
HSV	228°, 83%, 71%
XYZ	10.4399, 6.7401, 44.4668
YIQ	64.2370, -56.4460, 31.7940

Conversions

Conversions Part 2

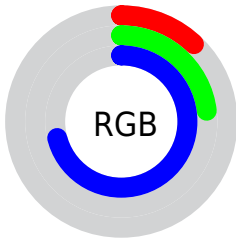
Format	Color
R_{YB}	30, 54, 181
Decimal	1981365
CIE _{Lab}	31.21, 35.97, -66.99
CIE _{LCh}	31, 76.039, 298.234
Yxy	6.7401, 0.1693, 0.1093
Android (android.graphics.Color)	4280171445 (0xFF1E3BB5)
YUV	64.2370, 57.5642, -30.0258
Hunter-Lab	25.9618, 26.3461, -83.3774

Details

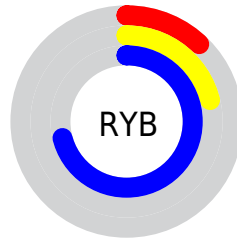
The YUV color **64.2370, 57.5642, -30.0258** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **146.7630, -57.5642, 30.0258**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.4500, 57.9521, -14.4267**, and **25.0440, 50.2643, -21.9636** is the 20% darker color. If you saturate the color by 10%, you get **50.0500, 64.5583, -33.3698**, and if you desaturate by 10%, it is **78.4240, 50.5700, -26.6818**.

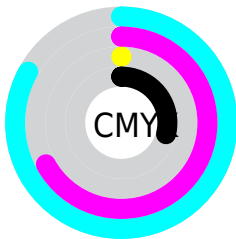
Distribution



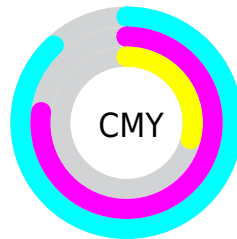
- Red (12%)
- Green (23%)
- Blue (71%)



- Red (12%)
- Yellow (21%)
- Blue (71%)



- Cyan (83%)
- Magenta (67%)
- Yellow (0%)
- Black (29%)



- Cyan (88%)
- Magenta (77%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.2370, 57.5642, -30.0258 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 64.2370, 57.5642, -30.0258 by changing the saturation by 10% instead.

■ 64.2370, 57.5642,
-30.0258

■ 64.2370, 57.5642,
-30.0258

■ 255.0000, 0.0000,
0.0000

■ 39.2750, 56.5594,
-34.4442

■ 120.4500, 57.9521,
-14.4267

■ 25.0440, 50.2643,
-21.9636

■ 146.6200, 53.4313,
-11.0677

■ 11.5140, 44.1166,
-10.0978

■ 170.8520, 41.4850,
-6.0092

■ 13.9470, 30.5921,
-12.2315

■ 195.6710, 29.2492,
-1.4655

■ 8.2760, 21.5559,
-7.2581

■ 220.4900, 17.0134,
3.0783

■ 4.5940, 12.5252,
-4.0289

■ 246.7820, 4.0515,

■ 0.0000, 0.0000,

7.2072

0.0000

■ 64.2370, 57.5642,
-30.0258

■ 64.2370, 57.5642,
-30.0258

■ 50.0500, 64.5583,
-33.3698

■ 78.4240, 50.5700,
-26.6818

■ 41.1790, 68.9318,
-36.1140

■ 92.0240, 43.8652,
-22.8230

■ 106.2110, 36.8710,
-19.4790

■ 119.8110, 30.1662,
-15.6202

■ 134.2970, 23.0246,
-11.6615

■ 148.4840, 16.0304,
-8.3175

■ 162.0840, 9.3256,
-4.4587

■ 176.2710, 2.3314,
-1.1147

■ 190.4580, -4.6628,
2.2293

Harmonies

Analogous

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



71.6520, 61.3036, -62.8388



64.2370, 57.5642, -30.0258



56.5810, 39.6466, 70.5275

Triad

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



64.2370, 57.5642, -30.0258



64.1550, -31.6284, 64.7621



63.5170, 2.2101, -55.7044

Complementary

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



64.2370, 57.5642, -30.0258



146.7630, -57.5642, 30.0258

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.



54.0040, -26.6240, -47.3615



64.2370, 57.5642, -30.0258



69.7830, -34.4030, 21.2383

Square

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



64.2370, 57.5642, -30.0258



51.8430, -14.7126, 99.2387



58.5660, -28.8730, -25.9294



71.0580, 28.5654, -62.3179

Rectangle

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



64.2370, 57.5642, -30.0258



59.8380, 19.7999, 89.5961



58.5660, -28.8730, -25.9294



60.5360, -6.6732, -53.0901

Sweetspot

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



64.2370, 57.5642, -30.0258



189.1830, 22.5878, -11.5615



132.4310, 9.1545, -89.8320



90.0990, 13.2622, -7.1028



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



64.2370, 57.5642, -30.0258



53.2050, 89.6249, -46.6608



60.6690, 59.3232, 12.5683



82.2000, 3.3524, -1.9294



34.4650, 58.4378, -30.2258



5.8990, 9.9098, -5.1734

Inverse Universe

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



78.4550, -9.5913, 89.9320



75.3950, -14.9847, 139.9736



150.3310, -59.3232, -12.5683



82.9190, -0.4531, 5.3330



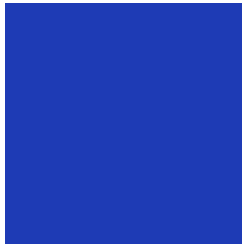
49.0530, -9.8861, 91.1615



8.3440, -1.6486, 15.4843

Previews

White Background



This preview shows how the YUV color 64.2370, 57.5642, -30.0258 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 64.2370, 57.5642, -30.0258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

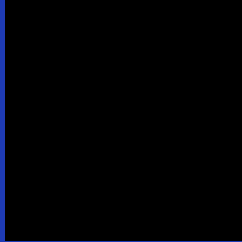
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.2370, 57.5642, -30.0258

Background



This preview shows how black text looks on a background with the YUV color 64.2370, 57.5642, -30.0258.



This preview shows how white text looks on a background with the YUV color 64.2370, 57.5642, -30.0258.

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

64.2370, 57.5642, -30.0258

Protanopia

58.6630, 44.5361, -51.4475

Tritanopia

57.3510, 14.1240, -50.2968

Trichromacy



Original Color

64.2370, 57.5642, -30.0258

Protanomaly

60.9720, 49.3138, -43.8254

Tritanomaly

59.9340, 30.1055, -42.9151

Monochromacy



Original Color

64.2370, 57.5642, -30.0258

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.1400, 21.1300, -10.6468

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.2370, 57.5642, -30.0258 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(30, 59, 181)` looks like.

```
.text, #text, p{  
    color:rgb(30, 59, 181)  
}
```

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(30, 59, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 59, 181) }
```

Border

The CSS property to change the border of an element to YUV 64.2370, 57.5642, -30.0258 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(30, 59, 181) }
```

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

```
.border{ border-color:rgb(30, 59, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 59, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 59, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 59, 181);  
box-shadow:4px 4px 4px 4px rgb(30, 59,  
181) }
```


Background

The CSS property to change the background color of an element to YUV 64.2370, 57.5642, -30.0258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 59, 181) }
```

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

```
.background{ background-color: rgb(30, 59,  
181) }
```

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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