

Converting Colors

YUV(66.4500, 34.2882,
-31.0897)

Have a look what the booklet for
YUV(66.4500, 34.2882, -31.0897)
contains.

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Color

**YUV(66.4500, 34.2882,
-31.0897)**

Conversions

Conversions Part 1

Format	Color
Hex	1F4788
RGB	31, 71, 136
RGB Percent	12%, 28%, 53%
CMY	0.8784, 0.7216, 0.4667
CMYK	0.77, 0.48, 0.00, 0.47
HSL	217°, 63%, 33%
HSV	217°, 77%, 53%
XYZ	7.2622, 6.5754, 24.1790
YIQ	66.4500, -44.7050, 11.7350

Conversions

Conversions Part 2

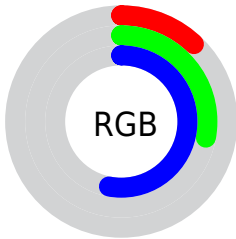
Format	Color
R_{YB}	31, 60, 136
Decimal	2049928
CIE _{Lab}	30.82, 10.36, -40.39
CIE _{LCh}	31, 41.696, 284.384
Yxy	6.5754, 0.1910, 0.1730
Android (android.graphics.Color)	4280240008 (0xFF1F4788)
YUV	66.4500, 34.2882, -31.0897
Hunter-Lab	25.6425, 5.6790, -37.9564

Details

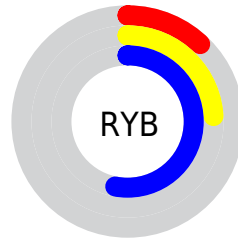
The YUV color **66.4500, 34.2882, -31.0897** is a dark color, and the websafe version is hex **003366**, and the color name is **lapis lazuli color (ruri-iro)**. A complement of this color would be **100.5500, -34.2882, 31.0897**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.7220, 35.1401, -24.3122**, and **26.7130, 28.7355, -23.4273** is the 20% darker color. If you saturate the color by 10%, you get **57.5680, 38.6670, -35.5781**, and if you desaturate by 10%, it is **75.3320, 29.9093, -26.6012**.

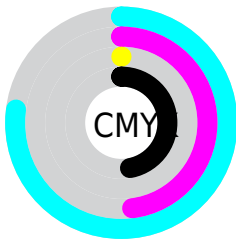
Distribution



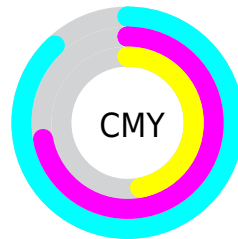
- Red (12%)
- Green (28%)
- Blue (53%)



- Red (12%)
- Yellow (24%)
- Blue (53%)



- Cyan (77%)
- Magenta (48%)
- Yellow (0%)
- Black (47%)



- Cyan (88%)
- Magenta (72%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.4500, 34.2882, -31.0897 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 66.4500, 34.2882, -31.0897 by changing the saturation by 10% instead.

■ 66.4500, 34.2882,
-31.0897

■ 66.4500, 34.2882,
-31.0897

■ 255.0000, 0.0000,
0.0000

■ 41.3030, 33.8676,
-36.2227

■ 118.7220, 35.1401,
-24.3122

■ 26.7130, 28.7355,
-23.4273

■ 144.9610, 36.0082,
-22.7678

■ 7.6550, 26.7921,
-6.7134

■ 172.4880, 36.7344,
-22.3530

■ 6.2070, 16.1669,
-5.4435

■ 197.6210, 28.2878,
-19.8386

■ 2.5250, 7.1362,
-2.2144

■ 222.7280, 15.9101,
-16.4245

■ 0.0000, 0.0000,
0.0000

■ 248.4220, 3.2430,

-13.5251

■ 66.4500, 34.2882,
-31.0897

■ 66.4500, 34.2882,
-31.0897

■ 57.5680, 38.6670,
-35.5781

■ 75.3320, 29.9093,
-26.6012

■ 48.3980, 43.1878,
-38.9370

■ 84.5020, 25.3885,
-23.2423

■ 46.0280, 44.3562,
-40.3666

■ 93.3840, 21.0097,
-18.7538

■ 102.5540, 16.4889,
-15.3949

■ 111.4360, 12.1101,
-10.9064

■ 120.9050, 7.4418,
-6.9327

■ 129.4880, 3.2104,
-3.0590

■ 138.3700, -1.1684,
1.4295

■ 147.5400, -5.6892,
4.7884

Harmonies

Analogous

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



62.9370, 35.5271, -55.1957



66.4500, 34.2882, -31.0897



74.5440, 21.9168, 17.0629

Triad

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



66.4500, 34.2882, -31.0897



69.6070, -20.5123, 45.9487



56.6380, -1.3005, -49.6715

Complementary

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



66.4500, 34.2882, -31.0897



100.5500, -34.2882, 31.0897

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.



61.6940, -19.5691, -23.4106



66.4500, 34.2882, -31.0897



68.7670, -33.4091, 29.1453

Square

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



66.4500, 34.2882, -31.0897



68.6740, -5.2623, 54.6599



66.4390, -32.7544, 5.7540



61.6880, 12.9718, -54.1004

Rectangle

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



66.4500, 34.2882, -31.0897



72.9010, 13.8528, 36.9208



66.4390, -32.7544, 5.7540



55.3840, -6.1053, -48.5718

Sweetspot

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



66.4500, 34.2882, -31.0897



149.0660, 13.2785, -12.3359



100.0450, -1.9942, -60.5525



72.7200, 8.0260, -7.6474



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



66.4500, 34.2882, -31.0897



67.6770, 53.4032, -48.8287



46.5580, 44.0949, -3.1204



64.5590, 2.1894, -2.2442



45.0990, 43.3352, -39.5518



1.7440, 1.6052, -1.5295

Inverse Universe

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



66.9550, 1.9942, 60.5525



68.2180, 3.3435, 94.5248



120.4420, -44.0949, 3.1204



64.4350, 0.2785, 4.0035



45.5810, 2.6716, 76.6665



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 66.4500, 34.2882, -31.0897 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 66.4500, 34.2882, -31.0897 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 66.4500, 34.2882, -31.0897

Background



This preview shows how black text looks on a background with the YUV color 66.4500, 34.2882, -31.0897.



This preview shows how white text looks on a background with the YUV color 66.4500, 34.2882, -31.0897.

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

66.4500, 34.2882, -31.0897

Protanopia

67.8420, 33.1089, -26.1714

Deuteranopia

58.2580, 35.3688, -51.0923



Tritanopia

56.7640, 14.4133, -49.7820

Trichromacy



Original Color

66.4500, 34.2882, -31.0897

Protanomaly

66.9450, 33.5511, -28.0158

Deuteranomaly

61.1880, 34.9103, -44.0149

Tritanomaly

60.3440, 21.5224, -43.2747

Monochromacy



Original Color

66.4500, 34.2882, -31.0897

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.1370, 12.2575, -11.5211

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.4500, 34.2882, -31.0897 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(31, 71, 136)` looks like.

```
.text, #text, p{  
    color:rgb(31, 71, 136)  
}
```

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(31, 71, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 71, 136) }
```

Border

The CSS property to change the border of an element to YUV 66.4500, 34.2882, -31.0897 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(31, 71, 136) }
```


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

```
.border{ border-color:rgb(31, 71, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 71, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 71, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 71, 136);  
box-shadow:4px 4px 4px 4px rgb(31, 71,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 66.4500, 34.2882, -31.0897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 71, 136) }
```

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

```
.background{ background-color: rgb(31, 71,  
136) }
```

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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