

Converting Colors

YUV(88.7850, 36.0950,
-50.6774)

Have a look what the booklet for
YUV(88.7850, 36.0950, -50.6774)
contains.

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Color

**YUV(88.7850, 36.0950,
-50.6774)**

Conversions

Conversions Part 1

Format	Color
Hex	1F68A2
RGB	31, 104, 162
RGB Percent	12%, 41%, 64%
CMY	0.8784, 0.5922, 0.3647
CMYK	0.81, 0.36, 0.00, 0.36
HSL	207°, 68%, 38%
HSV	207°, 81%, 64%
XYZ	12.0370, 12.8006, 36.0188
YIQ	88.7850, -62.1260, 2.5620

Conversions

Conversions Part 2

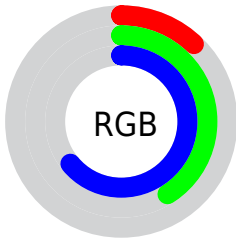
Format	Color
R_{YB}	31, 78, 162
Decimal	2058402
CIE _{Lab}	42.46, -0.90, -37.53
CIE _{LCh}	42, 37.536, 268.629
Yxy	12.8006, 0.1978, 0.2103
Android (android.graphics.Color)	4280248482 (0xFF1F68A2)
YUV	88.7850, 36.0950, -50.6774
Hunter-Lab	35.7779, -2.5574, -34.6447

Details

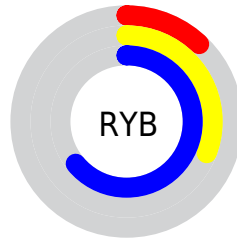
The YUV color **88.7850, 36.0950, -50.6774** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **104.2150, -36.0950, 50.6774**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.7260, 35.6311, -41.8557**, and **46.5860, 31.2631, -40.8559** is the 20% darker color. If you saturate the color by 10%, you get **79.8920, 40.4792, -56.9103**, and if you desaturate by 10%, it is **97.6780, 31.7107, -44.4446**.

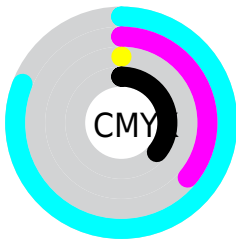
Distribution



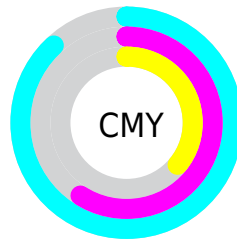
- Red (12%)
- Green (41%)
- Blue (64%)



- Red (12%)
- Yellow (31%)
- Blue (64%)



- Cyan (81%)
- Magenta (36%)
- Yellow (0%)
- Black (36%)



- Cyan (88%)
- Magenta (59%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.7850, 36.0950, -50.6774 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 88.7850, 36.0950, -50.6774 by changing the saturation by 10% instead.

■ 88.7850, 36.0950,
-50.6774

■ 88.7850, 36.0950,
-50.6774

■ 255.0000, 0.0000,
0.0000

■ 62.4640, 36.2532,
-54.7809

■ 144.7260, 35.6311,
-41.8557

■ 46.5860, 31.2631,
-40.8559

■ 172.5520, 36.2099,
-40.8261

■ 31.4090, 26.4204,
-27.5457

■ 198.0980, 28.0527,
-37.7969

■ 15.8730, 22.7406,
-13.9206

■ 223.2050, 15.6749,
-34.3828

■ 6.2070, 16.1669,
-5.4435

■ 242.4420, 6.1911,
-25.8206

■ 2.4110, 6.6994,
-2.1144

■ 251.4120, 1.7689,

■ 0.0000, 0.0000,

-7.3773

0.0000

■ 88.7850, 36.0950,
-50.6774

■ 88.7850, 36.0950,
-50.6774

■ 79.8920, 40.4792,
-56.9103

■ 97.6780, 31.7107,
-44.4446

■ 71.2980, 44.7161,
-62.5283

■ 106.5710, 27.3265,
-38.2118

■ 116.3500, 22.5055,
-31.8789

■ 125.2430, 18.1212,
-25.6461

■ 134.1360, 13.7370,
-19.4133

■ 143.0290, 9.3527,
-13.1804

■ 151.9220, 4.9685,
-6.9476

■ 161.1140, 0.4368,
-0.1000

■ 170.5940, -4.2368,
5.6181

Harmonies

Analogous

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



83.1860, 34.4183, -72.9541



88.7850, 36.0950, -50.6774



101.8620, 26.1970, -2.5100

Triad

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



88.7850, 36.0950, -50.6774



99.4640, -13.5398, 49.5821



88.0220, -10.3638, -35.9763

Complementary

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



88.7850, 36.0950, -50.6774



104.2150, -36.0950, 50.6774

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.



94.0230, -25.1543, -5.2822



88.7850, 36.0950, -50.6774



99.2980, -25.2899, 38.3267

Square

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



88.7850, 36.0950, -50.6774



100.9380, 1.0166, 47.4124



97.0970, -30.6138, 19.2089



79.2640, 9.2368, -69.5145

Rectangle

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



88.7850, 36.0950, -50.6774



103.3550, 18.5590, 20.7367



97.0970, -30.6138, 19.2089



90.6060, -16.0748, -24.2105

Sweetspot

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



88.7850, 36.0950, -50.6774



183.2500, 14.1738, -19.5132



114.3950, -13.0127, -73.1374



89.5130, 8.6211, -11.8509



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



88.7850, 36.0950, -50.6774



96.9890, 56.7004, -79.7974



51.2170, 54.6160, -17.7303



76.9610, 2.4842, -3.4738



64.0770, 39.8950, -56.1955



7.9220, 4.9685, -6.9476

Inverse Universe

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



78.4910, 12.5759, 73.2374



80.7040, 19.8659, 115.1466



141.7830, -54.6160, 17.7303



76.2610, 0.8573, 5.0331



52.5890, 14.0066, 81.0444



6.5220, 1.7147, 10.0662

Previews

White Background



This preview shows how the YUV color 88.7850, 36.0950, -50.6774 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 × Fail

Black Background



This preview shows how the YUV color 88.7850, 36.0950, -50.6774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

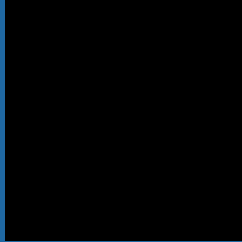
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.7850, 36.0950, -50.6774

Background



This preview shows how black text looks on a background with the YUV color 88.7850, 36.0950, -50.6774.



This preview shows how white text looks on a background with the YUV color 88.7850, 36.0950,

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

88.7850, 36.0950, -50.6774

Protanopia

98.7460, 28.7192, -18.1942

Deuteranopia

95.5210, 33.2671, -30.2749



Tritanopia

78.7230, 19.8566, -69.0401

Trichromacy



Original Color

88.7850, 36.0950, -50.6774

Protanomaly

95.0650, 31.5200, -29.8750

Deuteranomaly

92.8190, 34.5992, -37.5523

Tritanomaly

82.0750, 26.0920, -62.3328

Monochromacy



Original Color

88.7850, 36.0950, -50.6774

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.7340, 13.4421, -18.1837

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.7850, 36.0950, -50.6774 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, 104, 162)` looks like.

```
.text, #text, p{  
    color:rgb(31, 104, 162)  
}
```

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, 104, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 104, 162) }
```

Border

The CSS property to change the border of an element to YUV 88.7850, 36.0950, -50.6774 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, 104, 162) }
```


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

```
.border{ border-color:rgb(31, 104, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 104, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 104, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 104, 162);  
box-shadow:4px 4px 4px 4px rgb(31, 104,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 88.7850, 36.0950, -50.6774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 104, 162) }
```

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

```
.background{ background-color: rgb(31, 104,  
162) }
```

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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