

Converting Colors

YUV(88.5260, 35.7297,
-26.7713)

Have a look what the booklet for
YUV(88.5260, 35.7297, -26.7713)
contains.

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Color

**YUV(88.5260, 35.7297,
-26.7713)**

Conversions

Conversions Part 1

Format	Color
Hex	3A5AA1
RGB	58, 90, 161
RGB Percent	23%, 35%, 63%
CMY	0.7725, 0.6471, 0.3686
CMYK	0.64, 0.44, 0.00, 0.37
HSL	221°, 47%, 43%
HSV	221°, 64%, 63%
XYZ	11.8341, 10.7851, 35.1762
YIQ	88.5260, -41.8630, 15.2970

Conversions

Conversions Part 2

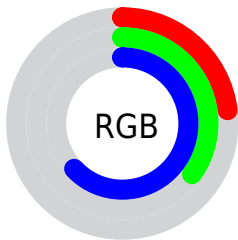
Format	Color
RYB	58, 82, 161
Decimal	3824289
CIELab	39.22, 11.67, -42.03
CIELCh	39, 43.623, 285.518
Yxy	10.7851, 0.2048, 0.1866
Android (android.graphics.Color)	4282014369 (0xFF3A5AA1)
YUV	88.5260, 35.7297, -26.7713
Hunter-Lab	32.8406, 6.8513, -40.5182




Details

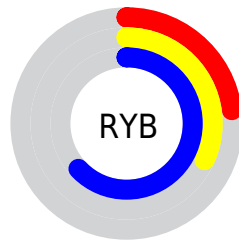
The YUV color **88.5260, 35.7297, -26.7713** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **130.4740, -35.7297, 26.7713**, and the grayscale version is **88.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **141.1890, 36.8818, -22.9678**, and **38.8410, 34.5884, -34.0636** is the 20% darker color. If you saturate the color by 10%, you get **77.2850, 41.2715, -30.9449**, and if you desaturate by 10%, it is **99.7670, 30.1879, -22.5977**.

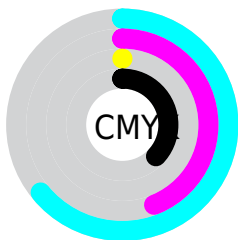
Distribution







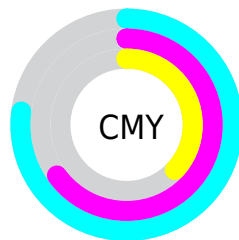
-  Red (23%)
-  Green (35%)
-  Blue (63%)






-  Red (23%)
-  Yellow (32%)
-  Blue (63%)



-  Cyan (64%)
-  Magenta (44%)
-  Yellow (0%)
-  Black (37%)



-  Cyan (77%)
-  Magenta (65%)
-  Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.5260, 35.7297, -26.7713 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 88.5260, 35.7297, -26.7713 by changing the saturation by 10% instead.

■ 88.5260, 35.7297,
-26.7713

■ 88.5260, 35.7297,
-26.7713

■ 255.0000, 0.0000,
0.0000

■ 61.7810, 35.6040,
-33.1339

■ 141.1890, 36.8818,
-22.9678

■ 38.8410, 34.5884,
-34.0636

■ 168.1290, 37.8974,
-22.0381

■ 24.2510, 29.4563,
-21.2681

■ 193.4900, 30.3244,
-19.7237

■ 6.8400, 26.2079,
-5.9987

■ 218.5970, 17.9467,
-16.3096

■ 5.5060, 16.0195,
-4.8288

■ 243.7040, 5.5689,
-12.8954

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,

0.0000

■ 88.5260, 35.7297,
-26.7713

■ 88.5260, 35.7297,
-26.7713

■ 77.2850, 41.2715,
-30.9449

■ 99.7670, 30.1879,
-22.5977

■ 66.0440, 46.8133,
-35.1186

■ 111.0080, 24.6461,
-18.4240

■ 54.8030, 52.3551,
-39.2922

■ 122.2490, 19.1042,
-14.2504

■ 47.7040, 55.8549,
-41.8364

■ 133.4900, 13.5624,
-10.0767

■ 145.0300, 7.8732,
-5.2883

■ 156.8580, 2.0420,
-1.6295

■ 168.0990, -3.4998,
2.5442

■ 179.3400, -9.0416,
6.7178

■ 190.5810,
-14.5834, 10.8915

Harmonies

Analogous

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



77.6410, 41.0960, -68.0912



88.5260, 35.7297, -26.7713



95.1960, 23.0744, 19.1221

Triad

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



88.5260, 35.7297, -26.7713



89.9450, -23.1439, 50.0372



71.7180, 0.6320, -62.8967

Complementary

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



88.5260, 35.7297, -26.7713



130.4740, -35.7297, 26.7713

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.



81.0420, -20.7267, -25.4698



88.5260, 35.7297, -26.7713



88.7350, -34.8724, 31.8044

Square

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



88.5260, 35.7297, -26.7713



90.1260, -7.4571, 58.6485



85.7550, -35.3752, 6.3539



76.5230, 16.5042, -67.1107

Rectangle

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



88.5260, 35.7297, -26.7713



93.9230, 13.8420, 40.4095



85.7550, -35.3752, 6.3539



69.7630, -4.3202, -61.1822

Sweetspot

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



88.5260, 35.7297, -26.7713



181.1910, 13.7098, -10.6915



126.4410, 0.7686, -60.0228



87.8450, 8.4574, -6.0031



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.



88.5260, 35.7297, -26.7713



95.7040, 55.8549, -41.8364



75.4230, 42.1895, 1.3830



75.7870, 3.0630, -2.4442



42.9450, 50.3131, -37.6628



5.5740, 6.1260, -4.8884

Inverse Universe

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



92.4450, -1.2054, 60.1227



101.8390, -1.8926, 93.9802



143.5770, -42.1895, -1.3830



76.0330, -0.0163, 5.2331



48.4850, -1.7181, 84.6437



6.0660, -0.0325, 10.4661

Previews

White Background



This preview shows how the YUV color 88.5260, 35.7297, -26.7713 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 88.5260, 35.7297, -26.7713 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 88.5260, 35.7297, -26.7713

Background



This preview shows how black text looks on a background with the YUV color 88.5260, 35.7297, -26.7713.



This preview shows how white text looks on a background with the YUV color 88.5260, 35.7297, -26.7713.

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

88.5260, 35.7297, -26.7713

Protanopia

89.1240, 35.4349, -25.5417

Deuteranopia

83.8940, 37.5203, -41.1260



Tritanopia

80.4980, 14.5445, -45.1637

Trichromacy



Original Color

88.5260, 35.7297, -26.7713

Protanomaly

88.8250, 35.5823, -26.1565

Deuteranomaly

85.6990, 36.6304, -35.6930

Tritanomaly

83.6050, 22.3797, -38.2416

Monochromacy



Original Color

88.5260, 35.7297, -26.7713

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.6750, 12.9782, -9.3620

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.5260, 35.7297, -26.7713 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(58, 90, 161)` looks like.

```
.text, #text, p{  
    color:rgb(58, 90, 161)  
}
```

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(58, 90, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 90, 161) }
```

Border

The CSS property to change the border of an element to YUV 88.5260, 35.7297, -26.7713 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(58, 90, 161) }
```


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

```
.border{ border-color:rgb(58, 90, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 90, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 90, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 90, 161);  
box-shadow:4px 4px 4px 4px rgb(58, 90,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 88.5260, 35.7297, -26.7713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 90, 161) }
```

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

```
.background{ background-color: rgb(58, 90,  
161) }
```

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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