

Converting Colors

YUV(82.7110, 35.1455,
-26.0565)

Have a look what the booklet for
YUV(82.7110, 35.1455, -26.0565)
contains.

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Color

**YUV(82.7110, 35.1455,
-26.0565)**

Conversions

Conversions Part 1

Format	Color
Hex	35549A
RGB	53, 84, 154
RGB Percent	21%, 33%, 60%
CMY	0.7922, 0.6706, 0.3961
CMYK	0.66, 0.45, 0.00, 0.40
HSL	222°, 49%, 41%
HSV	222°, 66%, 60%
XYZ	10.4713, 9.4306, 31.8402
YIQ	82.7110, -40.9460, 15.1980

Conversions

Conversions Part 2

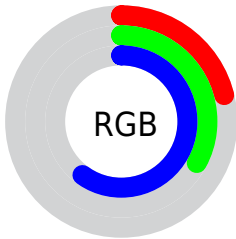
Format	Color
RYB	53, 77, 154
Decimal	3495066
CIELab	36.80, 12.11, -41.71
CIELCh	37, 43.436, 286.182
Yxy	9.4306, 0.2024, 0.1823
Android (android.graphics.Color)	4281685146 (0xFF35549A)
YUV	82.7110, 35.1455, -26.0565
Hunter-Lab	30.7093, 7.1236, -39.9769




Details

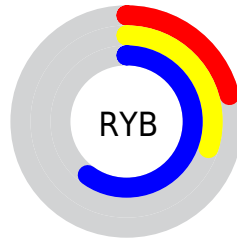
The YUV color **82.7110, 35.1455, -26.0565** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **124.2890, -35.1455, 26.0565**, and the grayscale version is **82.0000, 0.0000, 0.0000**.


A 20% lighter version of the original color is **134.7870, 36.5870, -21.7382**, and **35.1080, 32.9778, -30.7897** is the 20% darker color. If you saturate the color by 10%, you get **71.7690, 40.5399, -29.6154**, and if you desaturate by 10%, it is **93.6530, 29.7511, -22.4977**.

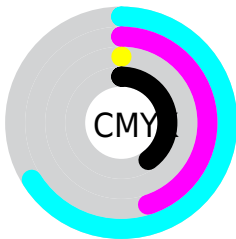
Distribution







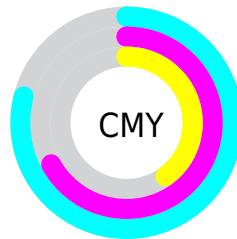
-  Red (21%)
-  Green (33%)
-  Blue (60%)






-  Red (21%)
-  Yellow (30%)
-  Blue (60%)



-  Cyan (66%)
-  Magenta (45%)
-  Yellow (0%)
-  Black (40%)



-  Cyan (79%)
-  Magenta (67%)
-  Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.7110, 35.1455, -26.0565 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 82.7110, 35.1455, -26.0565 by changing the saturation by 10% instead.

■ 82.7110, 35.1455,
-26.0565

■ 82.7110, 35.1455,
-26.0565

■ 255.0000, 0.0000,
0.0000

■ 55.4820, 35.7514,
-33.7487

■ 134.7870, 36.5870,
-21.7382

■ 35.1080, 32.9778,
-30.7897

■ 161.6130, 37.1658,
-20.7086

■ 20.6320, 28.2824,
-18.0943

■ 187.8860, 33.0872,
-19.1940

■ 9.0910, 22.1401,
-7.9728

■ 212.6940, 20.8569,
-16.3946

■ 4.8220, 13.3988,
-4.2289

■ 237.8010, 8.4791,
-12.9805

■ 0.4560, 1.7472,
-0.3999

254.4020, 0.2948,

■ 0.0000, 0.0000,

-1.2296

0.0000

■ 82.7110, 35.1455,
-26.0565

■ 82.7110, 35.1455,
-26.0565

■ 71.7690, 40.5399,
-29.6154

■ 93.6530, 29.7511,
-22.4977

■ 61.1150, 45.7923,
-34.3039

■ 104.3070, 24.4986,
-17.8092

■ 50.1730, 51.1867,
-37.8627

■ 115.2490, 19.1042,
-14.2504

■ 45.1450, 53.6655,
-39.5922

■ 126.4900, 13.5624,
-10.0767

■ 136.8450, 8.4574,
-6.0031

■ 147.7870, 3.0630,
-2.4442

■ 159.0280, -2.4788,
1.7294

■ 169.3830, -7.5838,
5.8031

■ 180.6240,
-13.1256, 9.9768

Harmonies

Analogous

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



73.3210, 39.7747, -64.3025



82.7110, 35.1455, -26.0565



89.3810, 22.4902, 19.8369

Triad

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



82.7110, 35.1455, -26.0565



84.2330, -23.2859, 48.9077



67.7400, 0.6212, -59.4080

Complementary

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



82.7110, 35.1455, -26.0565



124.2890, -35.1455, 26.0565

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.



74.9710, -19.7057, -26.2846



82.7110, 35.1455, -26.0565



82.6100, -35.3037, 30.1600

Square

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



82.7110, 35.1455, -26.0565



83.8270, -7.3097, 58.0337



79.9290, -35.9540, 5.3243



72.4310, 16.0565, -63.5220

Rectangle

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



82.7110, 35.1455, -26.0565



87.8090, 13.4052, 40.5095



79.9290, -35.9540, 5.3243



65.7850, -4.3310, -57.6934

Sweetspot

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



82.7110, 35.1455, -26.0565



173.1910, 13.7098, -10.6915



120.1530, 0.9106, -58.8932



84.8450, 8.4574, -6.0031



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



82.7110, 35.1455, -26.0565



88.8890, 55.2707, -41.1217



70.1950, 41.3159, 1.5830



71.0860, 2.9156, -1.8294



41.2010, 48.7079, -36.1333



3.8300, 4.5208, -3.3589

Inverse Universe

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



86.7330, -1.3474, 58.9932



95.1270, -2.0346, 92.8506



136.8050, -41.3159, -1.5830



71.6200, -0.3057, 4.7183



46.7620, -1.8547, 81.7697



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 82.7110, 35.1455, -26.0565 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 82.7110, 35.1455, -26.0565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

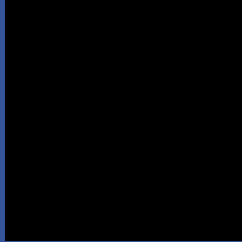
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.7110, 35.1455, -26.0565

Background



This preview shows how black text looks on a background with the YUV color 82.7110, 35.1455, -26.0565.



This preview shows how white text looks on a background with the YUV color 82.7110, 35.1455,

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

82.7110, 35.1455, -26.0565

Protanopia

82.7110, 35.1455, -26.0565

Deuteranopia

76.5730, 37.6785, -45.2295



Tritanopia

73.1880, 14.6973, -47.5229

Trichromacy



Original Color

82.7110, 35.1455, -26.0565

Protanomaly

82.7110, 35.1455, -26.0565

Deuteranomaly

78.9760, 36.4938, -38.5670

Tritanomaly

76.5940, 22.3852, -39.9859

Monochromacy



Original Color

82.7110, 35.1455, -26.0565

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.6750, 12.9782, -9.3620

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.7110, 35.1455, -26.0565 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(53, 84, 154)` looks like.

```
.text, #text, p{  
    color:rgb(53, 84, 154)  
}
```

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(53, 84, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 84, 154) }
```

Border

The CSS property to change the border of an element to YUV 82.7110, 35.1455, -26.0565 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(53, 84, 154) }
```


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

```
.border{ border-color:rgb(53, 84, 154) }
```

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

Here you see how a box with a 4 pixel rgb(53, 84, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 84, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 84, 154);  
box-shadow:4px 4px 4px 4px rgb(53, 84,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 82.7110, 35.1455, -26.0565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 84, 154) }
```

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

```
.background{ background-color: rgb(53, 84,  
154) }
```

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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