

Converting Colors

YUV(94.8650, 41.4786,
-50.7476)

Have a look what the booklet for
YUV(94.8650, 41.4786, -50.7476)
contains.

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Color

**YUV(94.8650, 41.4786,
-50.7476)**

Conversions

Conversions Part 1

Format	Color
Hex	256CB3
RGB	37, 108, 179
RGB Percent	15%, 42%, 70%
CMY	0.8549, 0.5765, 0.2980
CMYK	0.79, 0.40, 0.00, 0.30
HSL	210°, 66%, 42%
HSV	210°, 79%, 70%
XYZ	14.2622, 14.3731, 44.6704
YIQ	94.8650, -65.1070, 7.0290

Conversions

Conversions Part 2

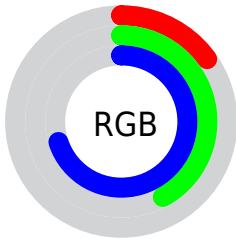
Format	Color
R_{YB}	37, 84, 179
Decimal	2452659
CIE _{Lab}	44.76, 3.79, -43.85
CIE _{LCh}	45, 44.009, 274.935
Yxy	14.3731, 0.1946, 0.1961
Android (android.graphics.Color)	4280642739 (0xFF256CB3)
YUV	94.8650, 41.4786, -50.7476
Hunter-Lab	37.9119, 0.8047, -43.3213

Details

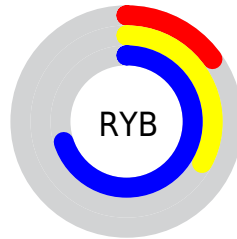
The YUV color **94.8650, 41.4786, -50.7476** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **121.1350, -41.4786, 50.7476**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.2190, 41.3040, -41.4111**, and **50.1710, 37.3837, -44.0000** is the 20% darker color. If you saturate the color by 10%, you get **84.2000, 46.7364, -57.1804**, and if you desaturate by 10%, it is **105.5300, 36.2207, -44.3148**.

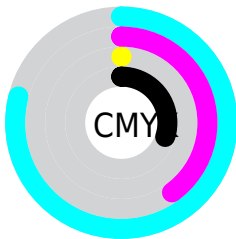
Distribution



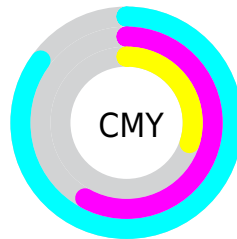
- Red (15%)
- Green (42%)
- Blue (70%)



- Red (15%)
- Yellow (33%)
- Blue (70%)



- Cyan (79%)
- Magenta (40%)
- Yellow (0%)
- Black (30%)



- Cyan (85%)
- Magenta (58%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.8650, 41.4786, -50.7476 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 94.8650, 41.4786, -50.7476 by changing the saturation by 10% instead.

■ 94.8650, 41.4786,
-50.7476

■ 94.8650, 41.4786,
-50.7476

■ 255.0000, 0.0000,
0.0000

■ 66.6360, 42.0845,
-58.4398

■ 151.2190, 41.3040,
-41.4111

■ 50.1710, 37.3837,
-44.0000

■ 178.3180, 37.8042,
-38.8669

■ 34.8800, 32.1042,
-30.5898

■ 202.8380, 25.7159,
-34.9379

■ 20.4040, 27.4088,
-17.8943

■ 228.5320, 13.0487,
-32.0386

■ 8.8630, 21.2665,
-7.7729

■ 245.1330, 4.8644,
-20.2876

■ 4.5940, 12.5252,
-4.0289

■ 254.1030, 0.4422,

■ 0.1140, 0.4368,

-1.8443

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 94.8650, 41.4786,
-50.7476

■ 94.8650, 41.4786,
-50.7476

■ 84.2000, 46.7364,
-57.1804

■ 105.5300, 36.2207,
-44.3148

■ 73.5350, 51.9942,
-63.6132

■ 116.1950, 30.9629,
-37.8820

■ 73.2360, 52.1417,
-64.2280

■ 126.8600, 25.7050,
-31.4492

■ 137.5250, 20.4472,
-25.0164

■ 148.1900, 15.1893,
-18.5836

■ 158.5560, 10.0789,
-12.7656

■ 169.2210, 4.8210,
-6.3328

■ 179.8860, -0.4368,
0.1000

■ 190.5510, -5.6946,
6.5328

Harmonies

Analogous

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



88.8740, 40.9811, -77.9425



94.8650, 41.4786, -50.7476



108.4870, 28.3539, 5.7119

Triad

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



94.8650, 41.4786, -50.7476



104.4280, -18.9450, 56.6296



84.4320, -5.6360, -59.1379

Complementary

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



94.8650, 41.4786, -50.7476



121.1350, -41.4786, 50.7476

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.



97.3980, -27.3112, -13.5040



94.8650, 41.4786, -50.7476



103.7730, -32.4261, 40.5411

Square

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



94.8650, 41.4786, -50.7476



105.2060, -2.0736, 58.5783



101.0660, -37.0075, 16.6051



85.4420, 12.6001, -74.9326

Rectangle

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



94.8650, 41.4786, -50.7476



108.9480, 19.2526, 31.6176



101.0660, -37.0075, 16.6051



91.8600, -14.7210, -38.4652

Sweetspot

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



94.8650, 41.4786, -50.7476



198.8200, 16.3577, -20.0131



128.4480, -10.0809, -80.1999



96.8550, 9.9315, -12.1508



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.



94.8650, 41.4786, -50.7476



101.6500, 64.2626, -78.6230



53.1880, 62.0253, -14.1969



83.9610, 2.4842, -3.4738



62.6410, 44.5470, -54.9362



10.5950, 7.5947, -9.2918

Inverse Universe

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



87.5520, 10.0809, 80.1999



90.3200, 15.6182, 124.2534



162.8120, -62.0253, 14.1969



83.2610, 0.8573, 5.0331



54.5250, 11.0802, 86.3626



9.2560, 1.8458, 14.6845

Previews

White Background



This preview shows how the YUV color 94.8650, 41.4786, -50.7476 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 94.8650, 41.4786, -50.7476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

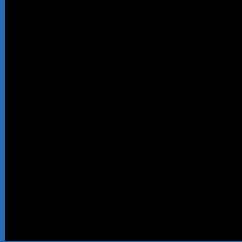
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.8650, 41.4786, -50.7476

Background



This preview shows how black text looks on a background with the YUV color 94.8650, 41.4786, -50.7476.



This preview shows how white text looks on a background with the YUV color 94.8650, 41.4786, -50.7476.

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

94.8650, 41.4786, -50.7476

Protanopia

103.0210, 34.9926, -23.6974

Deuteranopia

97.8770, 39.9936, -41.1111



Tritanopia

83.0430, 21.1778, -72.8287

Trichromacy



Original Color

94.8650, 41.4786, -50.7476

Protanomaly

100.2370, 37.3512, -33.5338

Deuteranomaly

96.9690, 40.4413, -44.6998

Tritanomaly

87.3350, 28.4288, -65.1918

Monochromacy



Original Color

94.8650, 41.4786, -50.7476

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.1900, 15.1893, -18.5836

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.8650, 41.4786, -50.7476 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(37, 108, 179)` looks like.

```
.text, #text, p{  
    color:rgb(37, 108, 179)  
}
```

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(37, 108, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 108, 179) }
```

Border

The CSS property to change the border of an element to YUV 94.8650, 41.4786, -50.7476 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(37, 108, 179) }
```


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

```
.border{ border-color:rgb(37, 108, 179) }
```

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

Here you see how a box with a 4 pixel rgb(37, 108, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 108, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 108, 179);  
box-shadow:4px 4px 4px 4px rgb(37, 108,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 94.8650, 41.4786, -50.7476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 108, 179) }
```

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

```
.background{ background-color: rgb(37, 108,  
179) }
```

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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