

Converting Colors

YUV(90.8460, 16.8379,
-34.0679)

Have a look what the booklet for
YUV(90.8460, 16.8379, -34.0679)
contains.

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Color

**YUV(90.8460, 16.8379,
-34.0679)**

Conversions

Conversions Part 1

Format	Color
Hex	34687D
RGB	52, 104, 125
RGB Percent	20%, 41%, 49%
CMY	0.7961, 0.5922, 0.5098
CMYK	0.58, 0.17, 0.00, 0.51
HSL	197°, 41%, 35%
HSV	197°, 58%, 49%
XYZ	10.0682, 12.1114, 21.2091
YIQ	90.8460, -37.7330, -4.4930

Conversions

Conversions Part 2

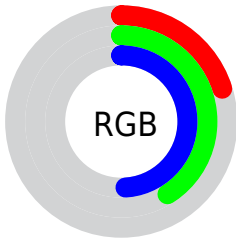
Format	Color
RYB	52, 82, 125
Decimal	3434621
CIELab	41.39, -10.80, -16.98
CIElCh	41, 20.128, 237.537
Yxy	12.1114, 0.2320, 0.2791
Android (android.graphics.Color)	4281624701 (0xFF34687D)
YUV	90.8460, 16.8379, -34.0679
Hunter-Lab	34.8014, -9.2618, -11.7723

Details

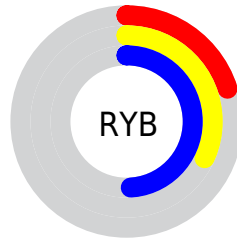
The YUV color **90.8460, 16.8379, -34.0679** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **86.1540, -16.8379, 34.0679**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.6720, 17.4167, -33.0383**, and **42.1230, 16.7014, -36.9419** is the 20% darker color. If you saturate the color by 10%, you get **84.6110, 19.9118, -40.0008**, and if you desaturate by 10%, it is **97.0810, 13.7641, -28.1350**.

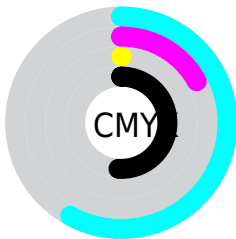
Distribution



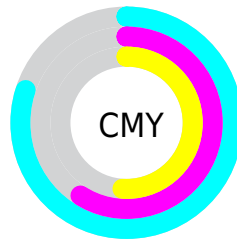
- Red (20%)
- Green (41%)
- Blue (49%)



- Red (20%)
- Yellow (32%)
- Blue (49%)



- Cyan (58%)
- Magenta (17%)
- Yellow (0%)
- Black (51%)



- Cyan (80%)
- Magenta (59%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.8460, 16.8379, -34.0679 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 90.8460, 16.8379, -34.0679 by changing the saturation by 10% instead.

90.8460, 16.8379,
-34.0679

90.8460, 16.8379,
-34.0679

255.0000, 0.0000,
0.0000

65.2370, 17.1382,
-37.0418

142.6720, 17.4167,
-33.0383

42.1230, 16.7014,
-36.9419

169.6720, 17.4167,
-33.0383

26.5870, 13.0216,
-23.3168

197.3730, 17.5641,
-33.6531

10.1050, 10.7942,
-8.8621

224.6890, 14.9433,
-33.0533

0.5700, 2.1840,
-0.4999

243.0400, 5.8963,
-24.5911

0.0000, 0.0000,
0.0000

251.7110, 1.6215,

-6.7625

■ 90.8460, 16.8379,
-34.0679

■ 90.8460, 16.8379,
-34.0679

■ 84.6110, 19.9118,
-40.0008

■ 97.0810, 13.7641,
-28.1350

■ 79.2620, 22.5488,
-45.8338

■ 102.4300, 11.1270,
-22.3021

■ 73.0270, 25.6227,
-51.7667

■ 108.6650, 8.0532,
-16.3692

■ 67.6780, 28.2597,
-57.5996

■ 114.0140, 5.4161,
-10.5363

■ 66.4930, 28.8440,
-58.3144

■ 120.2490, 2.3422,
-4.6034

■ 126.1850, -0.5842,
0.7148

■ 131.8330, -3.3687,
7.1625

■ 137.7690, -6.2951,
12.4806

■ 143.4170, -9.0796,
18.9283

Harmonies

Analogous

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



88.1460, 11.7600, -38.7160



90.8460, 16.8379, -34.0679



95.6460, 16.9365, -18.9835

Triad

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



90.8460, 16.8379, -34.0679



99.8660, 0.0661, 25.5505



94.8460, -13.2351, -1.6189

Complementary

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



90.8460, 16.8379, -34.0679



86.1540, -16.8379, 34.0679

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.



96.9510, -15.7518, 12.3210



90.8460, 16.8379, -34.0679



98.8140, -7.7963, 27.3501

Square

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



90.8460, 16.8379, -34.0679



99.8630, 7.9555, 15.0291



98.4730, -14.0372, 22.3872



92.7670, -6.7871, -16.4587

Rectangle

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



90.8460, 16.8379, -34.0679



97.9680, 15.2988, -6.9879



98.4730, -14.0372, 22.3872



95.8250, -14.7037, 2.7845

Sweetspot

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



90.8460, 16.8379, -34.0679



149.6330, 6.5899, -13.7101



97.2450, -11.9528, -39.6799



73.0960, 4.3897, -7.9772



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



90.8460, 16.8379, -34.0679



109.5430, 26.3543, -53.0962



69.7140, 27.2560, -15.5352



60.7330, 1.6106, -3.2738



68.0090, 29.5756, -59.6439



0.0000, 0.0000, 0.0000

Inverse Universe

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



79.7550, 11.9528, 39.6799



92.3200, 18.5762, 61.9864



107.2860, -27.2560, 15.5352



59.6630, 1.1521, 3.8035



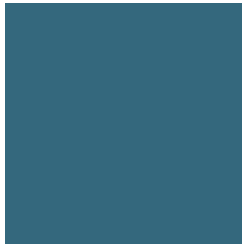
48.6460, 20.8805, 69.5935



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 90.8460, 16.8379, -34.0679 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 90.8460, 16.8379, -34.0679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

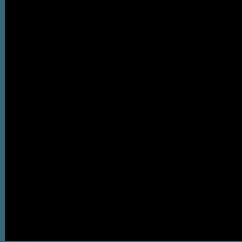
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.8460, 16.8379, -34.0679

Background



This preview shows how black text looks on a background with the YUV color 90.8460, 16.8379, -34.0679.

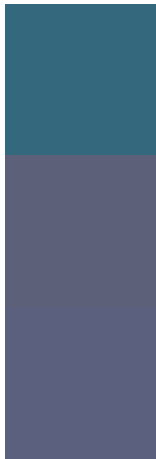


This preview shows how white text looks on a background with the YUV color 90.8460, 16.8379,

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

90.8460, 16.8379, -34.0679

Protanopia

97.5400, 11.0728, -4.8586

Deuteranopia

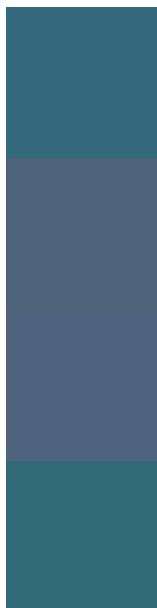
98.0390, 14.2778, -6.1732



Tritanopia

89.5700, 12.0440, -36.4569

Trichromacy



Original Color

90.8460, 16.8379, -34.0679

Protanomaly

95.0440, 13.2893, -15.8246

Deuteranomaly

95.5000, 15.0365, -16.2245

Tritanomaly

89.7380, 13.9332, -35.7272

Monochromacy



Original Color

90.8460, 16.8379, -34.0679

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.1170, 5.8583, -12.3806

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.8460, 16.8379, -34.0679 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(52, 104, 125)` looks like.

```
.text, #text, p{  
    color:rgb(52, 104, 125)  
}
```

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(52, 104, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 104, 125) }
```

Border

The CSS property to change the border of an element to YUV 90.8460, 16.8379, -34.0679 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(52, 104, 125) }
```


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

```
.border{ border-color:rgb(52, 104, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 104, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 104, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 104, 125);  
box-shadow:4px 4px 4px 4px rgb(52, 104,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 90.8460, 16.8379, -34.0679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 104, 125) }
```

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

```
.background{ background-color: rgb(52, 104,  
125) }
```

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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