

Converting Colors

YUV(132.9380, 37.4986,
-34.1486)

Have a look what the booklet for
YUV(132.9380, 37.4986, -34.1486)
contains.

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Color

**YUV(132.9380, 37.4986,
-34.1486)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8AD1
RGB	94, 138, 209
RGB Percent	37%, 54%, 82%
CMY	0.6314, 0.4588, 0.1804
CMYK	0.55, 0.34, 0.00, 0.18
HSL	217°, 56%, 59%
HSV	217°, 55%, 82%
XYZ	25.2132, 25.1601, 63.8491
YIQ	132.9380, -49.0150, 12.7530

Conversions

Conversions Part 2

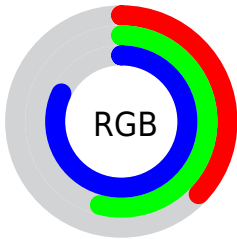
Format	Color
RYB	94, 126, 209
Decimal	6195921
CIELab	57.23, 5.62, -41.14
CIElCh	57, 41.523, 277.773
Yxy	25.1601, 0.2207, 0.2203
Android (android.graphics.Color)	4284386001 (0xFF5E8AD1)
YUV	132.9380, 37.4986, -34.1486
Hunter-Lab	50.1598, 1.9446, -40.3591

Details

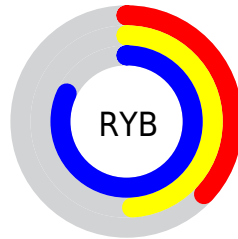
The YUV color $132.9380, 37.4986, -34.1486$ is a dark color, and the websafe version is hex $6699CC$. The color can be described as middle muted azure. A complement of this color would be $170.0620, -37.4986, 34.1486$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.3360, 33.8514, -30.9897$, and $78.4700, 37.2363, -43.3852$ is the 20% darker color. If you saturate the color by 10%, you get $119.0280, 44.3562, -40.3666$, and if you desaturate by 10%, it is $146.8480, 30.6409, -27.9307$.

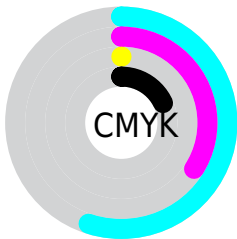
Distribution



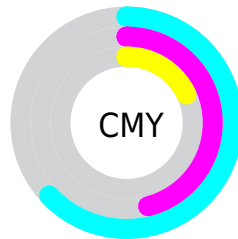
- Red (37%)
- Green (54%)
- Blue (82%)



- Red (37%)
- Yellow (49%)
- Blue (82%)



- Cyan (55%)
- Magenta (34%)
- Yellow (0%)
- Black (18%)



- Cyan (63%)
- Magenta (46%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.9380, 37.4986, -34.1486 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 132.9380, 37.4986, -34.1486 by changing the saturation by 10% instead.

■ 132.9380, 37.4986,
-34.1486

■ 132.9380, 37.4986,
-34.1486

255.0000, 0.0000,
0.0000

■ 106.1010, 36.9252,
-36.9226

■ 186.3360, 33.8514,
-30.9897

■ 78.4700, 37.2363,
-43.3852

■ 211.4430, 21.4736,
-27.5755

■ 53.3340, 36.8103,
-46.7739

■ 236.5500, 9.0958,
-24.1614

■ 37.4560, 31.8202,
-32.8489

■ 250.2160, 2.3585,
-9.8364

■ 22.9800, 27.1249,
-20.1535

■ 9.2050, 22.5769,
-8.0728

■ 4.8220, 13.3988,

-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 132.9380, 37.4986,
-34.1486

■ 132.9380, 37.4986,
-34.1486

■ 119.0280, 44.3562,
-40.3666

■ 146.8480, 30.6409,
-27.9307

■ 105.1180, 51.2138,
-46.5845

■ 160.7580, 23.7833,
-21.7128

■ 91.2080, 58.0715,
-52.8024

■ 174.6680, 16.9257,
-15.4948

■ 77.2980, 64.9291,
-59.0203

■ 188.5780, 10.0680,
-9.2769

■ 70.7860, 68.1395,
-62.0793

■ 202.4880, 3.2104,
-3.0590

■ 215.5120, -3.2104,
3.0590

■ 229.4220,
-10.0680, 9.2769

■ 241.5380,
-16.0412, 11.8062

■ 249.1690,
-19.8033, 5.1138

Harmonies

Analogous

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



110.7190, 45.9875, -97.1006



132.9380, 37.4986, -34.1486



140.7650, 26.7379, 10.7301

Triad

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



132.9380, 37.4986, -34.1486



137.2600, -20.8342, 55.9000



121.0630, -5.9471, -52.6753

Complementary

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



132.9380, 37.4986, -34.1486



170.0620, -37.4986, 34.1486

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.



128.9570, -25.1218, -15.7483



132.9380, 37.4986, -34.1486



136.0610, -32.5681, 39.4115

Square

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



132.9380, 37.4986, -34.1486



138.8100, -4.8363, 58.0486



133.0380, -34.5287, 14.8757



108.2160, 18.6275, -94.9054

Rectangle

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



132.9380, 37.4986, -34.1486



141.5030, 17.5000, 33.7619



133.0380, -34.5287, 14.8757



124.2020, -13.4106, -38.7652

Sweetspot

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



132.9380, 37.4986, -34.1486



226.2940, 14.1521, -12.5358



169.5990, -2.2673, -66.3003



110.8340, 8.4628, -7.7474



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



132.9380, 37.4986, -34.1486



143.7200, 54.8610, -49.7434



110.9970, 48.3155, -3.5054



97.6020, 3.6472, -3.1590



56.7200, 54.8610, -49.7434



14.0660, 13.2785, -12.3359

Inverse Universe

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



133.4010, 2.2673, 66.3003



144.5280, 3.1907, 96.8839



192.0030, -48.3155, 3.5054



97.7450, 0.1257, 6.3626



57.5280, 3.1907, 96.8839



14.0830, 0.9451, 23.6062

Previews

White Background



This preview shows how the YUV color 132.9380, 37.4986, -34.1486 looks on a white 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

Black Background



This preview shows how the YUV color 132.9380, 37.4986, -34.1486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

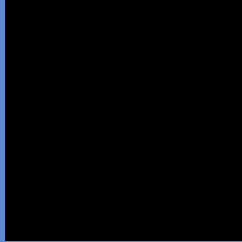
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.9380, 37.4986, -34.1486

Background



This preview shows how black text looks on a background with the YUV color 132.9380, 37.4986, -34.1486.

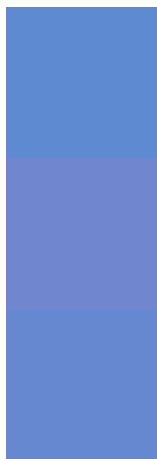


This preview shows how white text looks on a background with the YUV color 132.9380, 37.4986, -34.1486.

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

132.9380, 37.4986, -34.1486

Protanopia

135.6300, 34.6924, -20.7235

Deuteranopia

133.8570, 37.0455, -28.8156



Tritanopia

127.8400, 15.8549, -45.4637

Trichromacy



Original Color

132.9380, 37.4986, -34.1486

Protanomaly

134.2380, 35.8717, -25.6417

Deuteranomaly

133.5470, 37.1983, -31.1747

Tritanomaly

129.6370, 23.8430, -40.9006

Monochromacy



Original Color

132.9380, 37.4986, -34.1486

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1800, 13.7153, -12.4359

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.9380, 37.4986, -34.1486 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(94, 138, 209)` looks like.

```
.text, #text, p{  
    color:rgb(94, 138, 209)  
}
```

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(94, 138, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 138, 209) }
```

Border

The CSS property to change the border of an element to YUV 132.9380, 37.4986, -34.1486 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(94, 138, 209) }
```


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

```
.border{ border-color:rgb(94, 138, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 138, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 138, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 138, 209);  
box-shadow:4px 4px 4px 4px rgb(94, 138,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 132.9380, 37.4986, -34.1486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 138, 209) }
```

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

```
.background{ background-color: rgb(94, 138,  
209) }
```

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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