

Converting Colors

YUV(135.7950, 24.2581,
-34.0232)

Have a look what the booklet for
YUV(135.7950, 24.2581, -34.0232)
contains.

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Color

**YUV(135.7950, 24.2581,
-34.0232)**

Conversions

Conversions Part 1

Format	Color
Hex	6192B9
RGB	97, 146, 185
RGB Percent	38%, 57%, 73%
CMY	0.6196, 0.4275, 0.2745
CMYK	0.48, 0.21, 0.00, 0.27
HSL	207°, 39%, 55%
HSV	207°, 48%, 73%
XYZ	23.9656, 26.6019, 49.7705
YIQ	135.7950, -41.7230, 1.7410

Conversions

Conversions Part 2

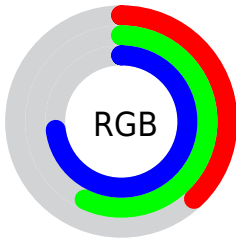
Format	Color
R _Y B	97, 128, 185
Decimal	6394553
CIE Lab	58.60, -5.69, -25.44
CIE LCh	59, 26.065, 257.389
Yxy	26.6019, 0.2388, 0.2651
Android (android.graphics.Color)	4284584633 (0xFF6192B9)
YUV	135.7950, 24.2581, -34.0232
Hunter-Lab	51.5771, -7.3187, -21.1093

Details

The YUV color **135.7950, 24.2581, -34.0232** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **146.2050, -24.2581, 34.0232**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.3220, 24.9843, -33.6084**, and **83.6590, 23.8321, -37.4119** is the 20% darker color. If you saturate the color by 10%, you get **125.4180, 29.3739, -41.5856**, and if you desaturate by 10%, it is **145.8730, 19.2896, -27.0756**.

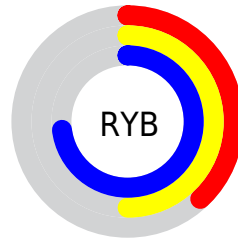
Distribution



Red (38%)

Green (57%)

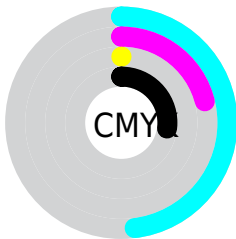
Blue (73%)



Red (38%)

Yellow (50%)

Blue (73%)

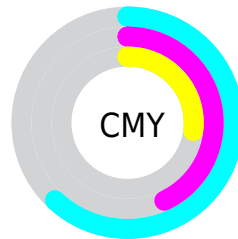


Cyan (48%)

Magenta (21%)

Yellow (0%)

Black (27%)



Cyan (62%)

Magenta (43%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.7950, 24.2581, -34.0232 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 135.7950, 24.2581, -34.0232 by changing the saturation by 10% instead.

■ 135.7950, 24.2581,
-34.0232

■ 135.7950, 24.2581,
-34.0232

■ 255.0000, 0.0000,
0.0000

■ 109.3820, 23.9687,
-34.5380

■ 190.3220, 24.9843,
-33.6084

■ 83.6590, 23.8321,
-37.4119

■ 216.7260, 18.8691,
-32.2087

■ 54.3480, 25.4644,
-47.6632

■ 240.9470, 6.9281,
-28.8945

■ 38.6980, 21.3479,
-33.9381

■ 249.9170, 2.5059,
-10.4512

■ 23.7490, 17.3787,
-20.8279

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 135.7950, 24.2581,
-34.0232

■ 135.7950, 24.2581,
-34.0232

■ 125.4180, 29.3739,
-41.5856

■ 145.8730, 19.2896,
-27.0756

■ 115.3400, 34.3424,
-48.5332

■ 156.2500, 14.1738,
-19.5132

■ 104.3760, 39.7476,
-55.5808

■ 167.2140, 8.7685,
-12.4657

■ 94.2980, 44.7161,
-62.5283

■ 177.2920, 3.8000,
-5.5181

■ 83.9210, 49.8319,
-70.0907

■ 187.3700, -1.1684,
1.4295

■ 81.5510, 51.0004,
-71.5202

■ 197.7470, -6.2843,
8.9919

■ 208.1240,
-11.4001, 16.5543

■ 218.7890,
-16.6580, 22.9870

■ 226.4750,
-20.4472, 25.0164

Harmonies

Analogous

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



129.7020, 21.8389, -51.4817



135.7950, 24.2581, -34.0232



141.7380, 20.8352, -9.4172

Triad

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



135.7950, 24.2581, -34.0232



143.2930, -7.5394, 38.3310



135.7580, -13.1917, -15.5738

Complementary

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



135.7950, 24.2581, -34.0232



146.2050, -24.2581, 34.0232

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.



138.3430, -20.3821, 4.0842



135.7950, 24.2581, -34.0232



142.1540, -16.8379, 34.0679

Square

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



135.7950, 24.2581, -34.0232



144.5230, 3.6862, 31.1133



140.5240, -21.4573, 22.3425



131.8400, -0.9071, -35.8167

Rectangle

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



135.7950, 24.2581, -34.0232



143.3980, 16.5658, 6.6670



140.5240, -21.4573, 22.3425



136.4060, -15.9762, -9.1261

Sweetspot

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



135.7950, 24.2581, -34.0232



221.0290, 9.3527, -13.1804



152.9880, -8.8681, -49.1015



108.4380, 5.7001, -8.2771



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



135.7950, 24.2581, -34.0232



163.2300, 37.8476, -52.8217



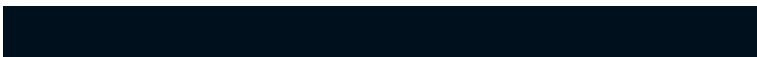
110.5540, 36.7019, -11.8869



86.9610, 2.4842, -3.4738



68.8530, 42.9635, -60.3841



12.5840, 7.6001, -11.0362

Inverse Universe

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



128.8980, 8.4313, 49.2015



152.6270, 13.0019, 76.6261



171.4460, -36.7019, 11.8869



86.2610, 0.8573, 5.0331



56.5620, 15.0059, 87.2071



10.1960, 2.8614, 15.6141

Previews

White Background



This preview shows how the YUV color 135.7950, 24.2581, -34.0232 looks on a white background.

Color Contrast Check

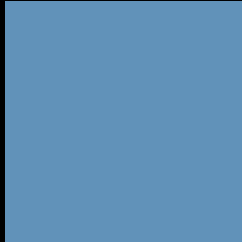
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.7950, 24.2581, -34.0232 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 135.7950, 24.2581, -34.0232

Background



This preview shows how black text looks on a background with the YUV color 135.7950, 24.2581, -34.0232.

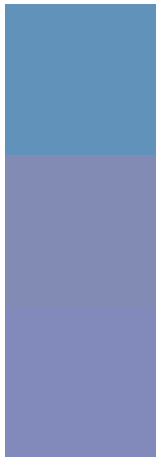


This preview shows how white text looks on a background with the YUV color 135.7950, 24.2581, -34.0232.

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

135.7950, 24.2581, -34.0232

Protanopia

140.9830, 19.2354, -9.6321

Deuteranopia

140.8950, 22.7298, -10.4319



Tritanopia

133.4280, 14.0860, -38.0864

Trichromacy



Original Color

135.7950, 24.2581, -34.0232

Protanomaly

139.3840, 21.0097, -18.7538

Deuteranomaly

138.9540, 23.1937, -19.2537

Tritanomaly

134.6500, 17.4275, -36.5271

Monochromacy



Original Color

135.7950, 24.2581, -34.0232

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.2140, 8.7685, -12.4657

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.7950, 24.2581, -34.0232 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(97, 146, 185)` looks like.

```
.text, #text, p{  
    color:rgb(97, 146, 185)  
}
```

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(97, 146, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 146, 185) }
```

Border

The CSS property to change the border of an element to YUV 135.7950, 24.2581, -34.0232 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(97, 146, 185) }
```


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

```
.border{ border-color:rgb(97, 146, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 146, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 146, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 146, 185);  
box-shadow:4px 4px 4px 4px rgb(97, 146,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 135.7950, 24.2581, -34.0232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 146, 185) }
```

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

```
.background{ background-color: rgb(97, 146,  
185) }
```

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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