

Converting Colors

YUV(148.0950, 39.3932,
-35.1633)

Have a look what the booklet for
YUV(148.0950, 39.3932, -35.1633)
contains.

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Color

**YUV(148.0950, 39.3932,
-35.1633)**

Conversions

Conversions Part 1

Format	Color
Hex	6C99E4
RGB	108, 153, 228
RGB Percent	42%, 60%, 89%
CMY	0.5765, 0.4000, 0.1059
CMYK	0.53, 0.33, 0.00, 0.11
HSL	218°, 69%, 66%
HSV	218°, 53%, 89%
XYZ	31.5792, 31.5720, 77.8284
YIQ	148.0950, -50.8950, 13.7850

Conversions

Conversions Part 2

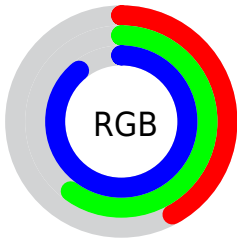
Format	Color
R_{YB}	108, 141, 228
Decimal	7117284
CIE _{Lab}	62.99, 5.84, -42.64
CIE _{LCh}	63, 43.035, 277.799
Yxy	31.5720, 0.2240, 0.2239
Android (android.graphics.Color)	4285307364 (0xFF6C99E4)
YUV	148.0950, 39.3932, -35.1633
Hunter-Lab	56.1890, 1.9892, -42.7913

Details

The YUV color **148.0950, 39.3932, -35.1633** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **187.9050, -39.3932, 35.1633**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.2130, 27.0100, -30.0048**, and **93.2360, 38.8307, -41.4260** is the 20% darker color. If you saturate the color by 10%, you get **133.0000, 46.8350, -42.0960**, and if you desaturate by 10%, it is **163.1900, 31.9513, -28.2306**.

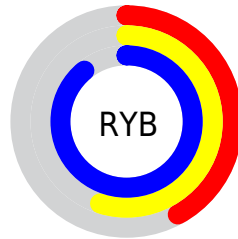
Distribution



Red (42%)

Green (60%)

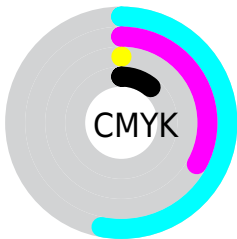
Blue (89%)



Red (42%)

Yellow (55%)

Blue (89%)

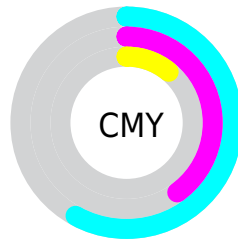


Cyan (53%)

Magenta (33%)

Yellow (0%)

Black (11%)



Cyan (58%)

Magenta (40%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.0950, 39.3932, -35.1633 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 148.0950, 39.3932, -35.1633 by changing the saturation by 10% instead.

■ 148.0950, 39.3932,
-35.1633

■ 148.0950, 39.3932,
-35.1633

255.0000, 0.0000,
0.0000

■ 120.9700, 38.9618,
-36.8077

■ 200.2130, 27.0100,
-30.0048

■ 93.2360, 38.8307,
-41.4260

■ 225.3200, 14.6322,
-26.5906

■ 62.9030, 40.4738,
-55.1659

■ 245.7310, 4.5696,
-19.0581

■ 46.4380, 35.7731,
-40.7261

254.7010, 0.1474,
-0.6148

■ 31.8480, 30.6409,
-27.9307

■ 15.6110, 26.8138,
-13.6908

■ 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 148.0950, 39.3932,
-35.1633

■ 148.0950, 39.3932,
-35.1633

■ 133.0000, 46.8350,
-42.0960

■ 163.1900, 31.9513,
-28.2306

■ 117.9050, 54.2768,
-49.0287

■ 178.8720, 24.2201,
-21.8127

■ 102.5220, 61.8607,
-54.8318

■ 193.6680, 16.9257,
-15.4948

■ 87.4270, 69.3025,
-61.7645

■ 208.7630, 9.4838,
-8.5622

■ 76.4740, 74.7023,
-67.0677

■ 223.8580, 2.0420,
-1.6295

■ 239.5400, -5.6892,
4.7884

■ 250.7480,
-11.2148, 3.7290

■ 251.9220,
-11.7935, 2.6994

Harmonies

Analogous

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



121.6900, 49.9458, -106.7221



148.0950, 39.3932, -35.1633



156.4060, 27.9008, 11.0449

Triad

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



148.0950, 39.3932, -35.1633



152.5270, -22.4448, 59.1738



135.5250, -6.6678, -54.8344

Complementary

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



148.0950, 39.3932, -35.1633



187.9050, -39.3932, 35.1633

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.



143.9030, -26.5742, -16.5779



148.0950, 39.3932, -35.1633



151.0290, -34.0313, 42.0706

Square

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



148.0950, 39.3932, -35.1633



154.7180, -5.2840, 61.6373



147.8810, -36.4233, 15.8904



119.4320, 20.9860, -104.7419

Rectangle

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



148.0950, 39.3932, -35.1633



156.7420, 18.3682, 35.3063



147.8810, -36.4233, 15.8904



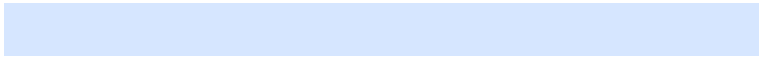
138.9630, -14.2788, -40.3096

Sweetspot

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



148.0950, 39.3932, -35.1633



228.0660, 13.2785, -12.3359



186.8760, -2.4039, -69.1743



111.1330, 8.3154, -7.1326



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.



148.0950, 39.3932, -35.1633



148.1610, 52.6716, -47.4992



125.8660, 50.3521, -3.3905



107.3030, 3.7946, -3.7737



59.7350, 58.7976, -52.3876



16.9670, 16.7783, -14.8801

Inverse Universe

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



149.0100, 1.9671, 69.2742



149.0930, 2.9122, 92.8804



210.1340, -50.3521, 3.3905



107.1580, 0.4151, 6.8774



61.1590, 2.8796, 103.3466



17.4150, 0.7814, 29.4540

Previews

White Background



This preview shows how the YUV color 148.0950, 39.3932, -35.1633 looks on a white background.

Color Contrast Check

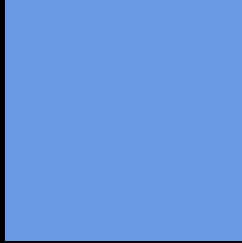
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 148.0950, 39.3932, -35.1633 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 ✓ Pass

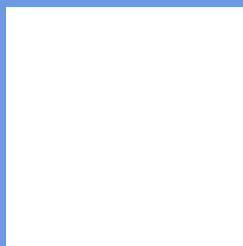
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 148.0950, 39.3932, -35.1633

Background



This preview shows how black text looks on a background with the YUV color 148.0950, 39.3932, -35.1633.



This preview shows how white text looks on a background with the YUV color 148.0950, 39.3932, -35.1633.

-35.1633.

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

148.0950, 39.3932, -35.1633

Protanopia

150.7870, 36.5870, -21.7382

Deuteranopia

149.3130, 38.7927, -29.2155



Tritanopia

142.6550, 16.4391, -46.1784

Trichromacy



Original Color

148.0950, 39.3932, -35.1633

Protanomaly

149.3950, 37.7663, -26.6564

Deuteranomaly

149.0030, 38.9455, -31.5746

Tritanomaly

144.5660, 24.8640, -41.7154

Monochromacy



Original Color

148.0950, 39.3932, -35.1633

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.9950, 14.2995, -13.1506

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.0950, 39.3932, -35.1633 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(108, 153, 228)` looks like.

```
.text, #text, p{  
    color:rgb(108, 153, 228)  
}
```

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(108, 153, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 153, 228) }
```

Border

The CSS property to change the border of an element to YUV 148.0950, 39.3932, -35.1633 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(108, 153, 228) }
```


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

```
.border{ border-color:rgb(108, 153, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 153, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 153, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 153, 228);  
box-shadow:4px 4px 4px 4px rgb(108, 153,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 148.0950, 39.3932, -35.1633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 153, 228) }
```

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

```
.background{ background-color: rgb(108,  
153, 228) }
```

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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