

Converting Colors

YUV(145.9290, 31.0940,
-33.2637)

Have a look what the booklet for
YUV(145.9290, 31.0940, -33.2637)
contains.

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Color

**YUV(145.9290, 31.0940,
-33.2637)**

Conversions

Conversions Part 1

Format	Color
Hex	6C99D1
RGB	108, 153, 209
RGB Percent	42%, 60%, 82%
CMY	0.5765, 0.4000, 0.1804
CMYK	0.48, 0.27, 0.00, 0.18
HSL	213°, 52%, 62%
HSV	213°, 48%, 82%
XYZ	29.0842, 30.5741, 64.6901
YIQ	145.9290, -44.7960, 7.8760

Conversions

Conversions Part 2

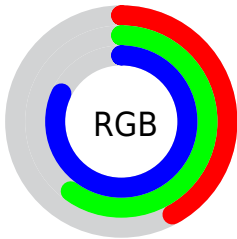
Format	Color
R _Y B	108, 139, 209
Decimal	7117265
CIE Lab	62.15, 0.09, -33.40
CIE LCh	62, 33.399, 270.162
Yxy	30.5741, 0.2339, 0.2459
Android (android.graphics.Color)	4285307345 (0xFF6C99D1)
YUV	145.9290, 31.0940, -33.2637
Hunter-Lab	55.2938, -2.8743, -30.6597

Details

The YUV color **145.9290, 31.0940, -33.2637** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **171.0710, -31.0940, 33.2637**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.6150, 27.3048, -31.2344**, and **92.6790, 30.2313, -36.5525** is the 20% darker color. If you saturate the color by 10%, you get **132.6060, 37.6622, -39.9965**, and if you desaturate by 10%, it is **159.2520, 24.5258, -26.5310**.

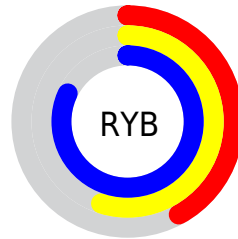
Distribution



Red (42%)

Green (60%)

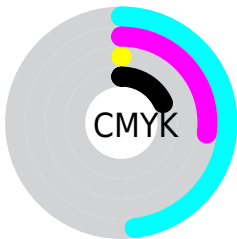
Blue (82%)



Red (42%)

Yellow (55%)

Blue (82%)

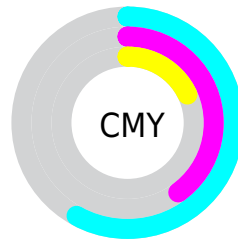


Cyan (48%)

Magenta (27%)

Yellow (0%)

Black (18%)



Cyan (58%)

Magenta (40%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.9290, 31.0940, -33.2637 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 145.9290, 31.0940, -33.2637 by changing the saturation by 10% instead.

■ 145.9290, 31.0940,
-33.2637

■ 145.9290, 31.0940,
-33.2637

■ 255.0000, 0.0000,
0.0000

■ 119.1030, 30.5152,
-34.2933

■ 199.6150, 27.3048,
-31.2344

■ 92.6790, 30.2313,
-36.5525

■ 224.7220, 14.9271,
-27.8202

■ 63.9660, 31.5688,
-45.5742

■ 245.1330, 4.8644,
-20.2876

■ 44.6140, 28.7843,
-39.1265

■ 253.8040, 0.5896,
-2.4591

■ 29.4370, 23.9416,
-25.8162

■ 13.3140, 20.5512,
-11.6764

■ 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 145.9290, 31.0940,
-33.2637

■ 145.9290, 31.0940,
-33.2637

■ 132.6060, 37.6622,
-39.9965

■ 159.2520, 24.5258,
-26.5310

■ 119.8700, 43.9411,
-47.2440

■ 171.9880, 18.2469,
-19.2835

■ 106.5470, 50.5093,
-53.9767

■ 185.3110, 11.6787,
-12.5507

■ 93.8110, 56.7882,
-61.2242

■ 198.0470, 5.3998,
-5.3032

■ 80.7870, 63.2090,
-67.3422

■ 211.3700, -1.1684,
1.4295

■ 78.4170, 64.3774,
-68.7717

■ 224.3940, -7.5892,
7.5475

■ 237.1300,
-13.8681, 14.7950

■ 244.4730,
-17.4882, 9.2322

■ 249.7560,
-20.0927, 4.5990

Harmonies

Analogous

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



134.4640, 32.8022, -67.9359



145.9290, 31.0940, -33.2637



152.3140, 24.0022, 1.4786

Triad

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



145.9290, 31.0940, -33.2637



152.1110, -14.8447, 48.1377



140.4570, -10.0853, -31.9728

Complementary

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



145.9290, 31.0940, -33.2637



171.0710, -31.0940, 33.2637

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.



144.8920, -23.1178, -5.1673



145.9290, 31.0940, -33.2637



150.4120, -24.8531, 38.2267

Square

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



145.9290, 31.0940, -33.2637



153.3570, -1.1620, 46.1679



148.0800, -28.1404, 19.2238



133.8630, 7.4625, -60.3929

Rectangle

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



145.9290, 31.0940, -33.2637



153.8990, 16.8118, 21.1366



148.0800, -28.1404, 19.2238



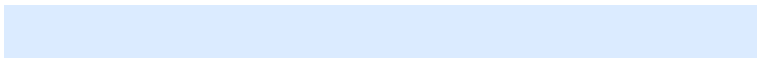
142.4320, -15.4960, -23.1809

Sweetspot

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



145.9290, 31.0940, -33.2637



232.4960, 11.0945, -11.8360



173.6710, -4.7678, -57.5935



113.7910, 7.0050, -6.8327



0.0000, 0.0000, 0.0000



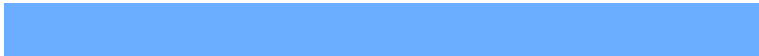
128.0000, 0.0000, 0.0000

Same Dimension

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



145.9290, 31.0940, -33.2637



162.6140, 45.5463, -48.7735



121.0090, 43.3796, -7.0239



98.1890, 3.3578, -3.6738



63.1770, 51.6777, -55.4062



15.2400, 12.6997, -13.3655

Inverse Universe

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



143.3290, 4.7678, 57.5935



158.7760, 7.0124, 84.3884



195.9910, -43.3796, 7.0239



97.8590, 0.5625, 6.2627



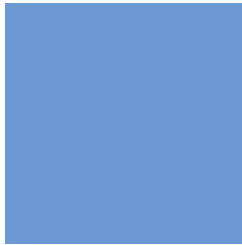
58.7820, 7.9955, 95.7842



14.3110, 1.8187, 23.4063

Previews

White Background



This preview shows how the YUV color 145.9290, 31.0940, -33.2637 looks on a white background.

Color Contrast Check

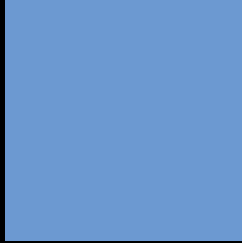
Large Text (above 18pt) WCAG AA × Fail

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 145.9290, 31.0940, -33.2637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

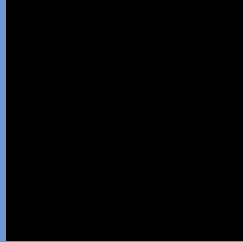
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 145.9290, 31.0940, -33.2637

Background



This preview shows how black text looks on a background with the YUV color 145.9290, 31.0940, -33.2637.

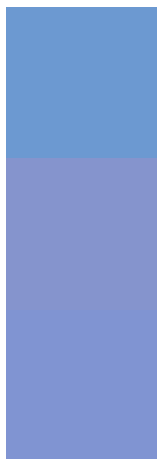


This preview shows how white text looks on a background with the YUV color 145.9290, 31.0940, -33.2637.

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

145.9290, 31.0940, -33.2637

Protanopia

150.0130, 27.1086, -14.9204

Deuteranopia

149.0880, 30.0296, -18.4942



Tritanopia

142.6450, 14.9650, -40.0307

Trichromacy



Original Color

145.9290, 31.0940, -33.2637

Protanomaly

148.6100, 28.2933, -21.5830

Deuteranomaly

148.1690, 30.4827, -23.8272

Tritanomaly

143.5620, 20.9219, -37.3269

Monochromacy



Original Color

145.9290, 31.0940, -33.2637

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.1970, 11.2419, -12.4508

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.9290, 31.0940, -33.2637 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(108, 153, 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(108, 153, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 153, 209) }
```

Border

The CSS property to change the border of an element to YUV 145.9290, 31.0940, -33.2637 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

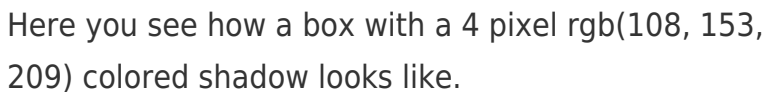
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 153, 209) }
```


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

```
.border{ border-color:rgb(108, 153, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 153, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 153, 209); box-shadow:4px 4px 4px 4px rgb(108, 153, 209) }
```

Background

The CSS property to change the background color of an element to YUV 145.9290, 31.0940, -33.2637 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, 209) }
```

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

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