

Converting Colors

YUV(135.4950, 29.3360,
-29.3751)

Have a look what the booklet for
YUV(135.4950, 29.3360, -29.3751)
contains.

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Color

**YUV(135.4950, 29.3360,
-29.3751)**

Conversions

Conversions Part 1

Format	Color
Hex	668DC3
RGB	102, 141, 195
RGB Percent	40%, 55%, 76%
CMY	0.6000, 0.4471, 0.2353
CMYK	0.48, 0.28, 0.00, 0.24
HSL	215°, 44%, 58%
HSV	215°, 48%, 76%
XYZ	24.8547, 25.8147, 55.3025
YIQ	135.4950, -40.5780, 8.5260

Conversions

Conversions Part 2

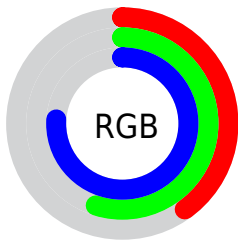
Format	Color
R_{YB}	102, 129, 195
Decimal	6720963
CIE _{Lab}	57.86, 1.37, -32.23
CIE _{LCh}	58, 32.256, 272.438
Yxy	25.8147, 0.2345, 0.2436
Android (android.graphics.Color)	4284911043 (0xFF668DC3)
YUV	135.4950, 29.3360, -29.3751
Hunter-Lab	50.8081, -1.5943, -28.9690

Details

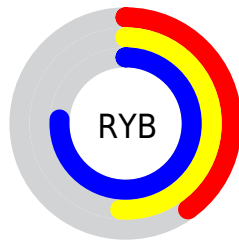
The YUV color **135.4950, 29.3360, -29.3751** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **161.5050, -29.3360, 29.3751**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.5490, 30.7883, -28.5455**, and **83.2450, 28.4732, -32.6639** is the 20% darker color. If you saturate the color by 10%, you get **123.3570, 35.3200, -35.3931**, and if you desaturate by 10%, it is **147.9320, 23.2045, -22.7424**.

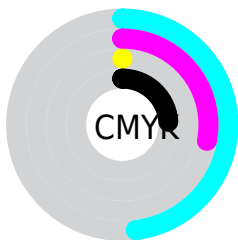
Distribution



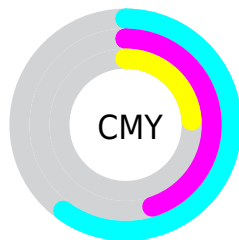
- Red (40%)
- Green (55%)
- Blue (76%)



- Red (40%)
- Yellow (51%)
- Blue (76%)



- Cyan (48%)
- Magenta (28%)
- Yellow (0%)
- Black (24%)



- Cyan (60%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.4950, 29.3360, -29.3751 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 135.4950, 29.3360, -29.3751 by changing the saturation by 10% instead.

■ 135.4950, 29.3360,
-29.3751

■ 135.4950, 29.3360,
-29.3751

255.0000, 0.0000,
0.0000

■ 109.6690, 28.7572,
-30.4047

■ 189.5490, 30.7883,
-28.5455

■ 83.2450, 28.4732,
-32.6639

■ 214.6990, 19.8684,
-26.0460

■ 54.8200, 29.6687,
-42.8151

■ 240.3930, 7.2013,
-23.1467

■ 37.2620, 25.9998,
-32.6788

■ 251.4120, 1.7689,
-7.3773

■ 22.9000, 21.7413,
-20.0833

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 135.4950, 29.3360,
-29.3751

■ 135.4950, 29.3360,
-29.3751

■ 123.3570, 35.3200,
-35.3931

■ 147.9320, 23.2045,
-22.7424

■ 110.3330, 41.7408,
-41.5110

■ 160.6570, 16.9311,
-17.2392

■ 98.1950, 47.7249,
-47.5290

■ 173.0940, 10.7997,
-10.6064

■ 85.7580, 53.8563,
-54.1618

■ 185.2320, 4.8156,
-4.5885

■ 73.0330, 60.1297,
-59.6649

■ 198.2560, -1.6052,
1.5295

■ 70.3640, 61.4455,
-61.7092

■ 210.3940, -7.5892,
7.5475

■ 222.8310,
-13.7207, 14.1802

■ 234.6590,
-19.5519, 17.8391

■ 241.1160,
-22.7352, 12.1763

Harmonies

Analogous

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



124.4430, 31.3336, -63.5325



135.4950, 29.3360, -29.3751



141.5700, 22.3970, 3.0081

Triad

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



135.4950, 29.3360, -29.3751



140.3880, -14.9813, 45.2637



129.5000, -8.6275, -32.8875

Complementary

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



135.4950, 29.3360, -29.3751



161.5050, -29.3360, 29.3751

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.



133.6360, -21.5125, -6.6968



135.4950, 29.3360, -29.3751



138.9170, -24.1161, 35.1528

Square

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



135.4950, 29.3360, -29.3751



141.8190, -1.8828, 44.0087



136.6990, -26.9666, 16.0500



122.2050, 8.7729, -60.6928

Rectangle

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



135.4950, 29.3360, -29.3751



142.8560, 15.3540, 22.0513



136.6990, -26.9666, 16.0500



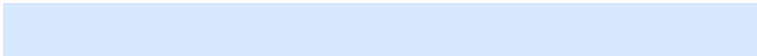
130.7030, -13.1646, -24.2955

Sweetspot

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



135.4950, 29.3360, -29.3751



229.7950, 10.9471, -11.2212



162.6330, -3.7631, -53.1751



113.7910, 7.0050, -6.8327



0.0000, 0.0000, 0.0000



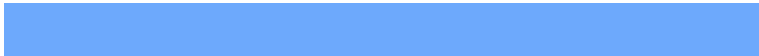
128.0000, 0.0000, 0.0000

Same Dimension

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



135.4950, 29.3360, -29.3751



160.5220, 45.0987, -45.1848



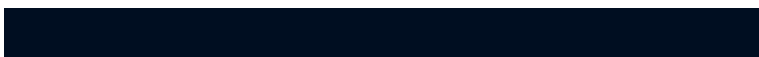
114.3960, 39.7378, -5.6093



90.4880, 3.2104, -3.0590



57.6830, 50.9353, -50.5880



11.9800, 10.3629, -10.5065

Inverse Universe

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



134.2530, 3.3263, 53.2751



158.5970, 5.1287, 81.9144



182.6040, -39.7378, 5.6093



90.4460, 0.2731, 5.7479



55.7770, 5.5329, 92.2806



11.4630, 1.2507, 18.8879

Previews

White Background



This preview shows how the YUV color 135.4950, 29.3360, -29.3751 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 135.4950, 29.3360, -29.3751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

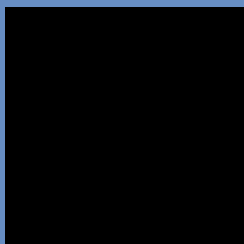
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

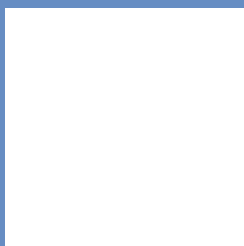
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 135.4950, 29.3360, -29.3751

Background



This preview shows how black text looks on a background with the YUV color 135.4950, 29.3360, -29.3751.

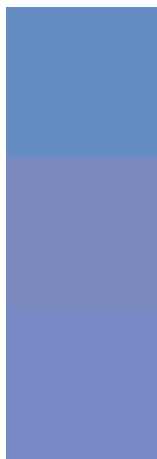


This preview shows how white text looks on a background with the YUV color 135.4950, 29.3360, -29.3751.

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

135.4950, 29.3360, -29.3751

Protanopia

138.7850, 26.2350, -14.7204

Deuteranopia

138.0450, 28.5718, -17.5795



Tritanopia

132.3250, 13.6438, -36.2420

Trichromacy



Original Color

135.4950, 29.3360, -29.3751

Protanomaly

137.3930, 27.4143, -19.6387

Deuteranomaly

136.8380, 29.1669, -21.7829

Tritanomaly

133.2420, 19.6007, -33.5382

Monochromacy



Original Color

135.4950, 29.3360, -29.3751

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.0940, 10.7997, -10.6064

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.4950, 29.3360, -29.3751 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(102, 141, 195)` looks like.

```
.text, #text, p{  
    color:rgb(102, 141, 195)  
}
```

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(102, 141, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 141, 195) }
```

Border

The CSS property to change the border of an element to YUV 135.4950, 29.3360, -29.3751 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(102, 141, 195) }
```


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

```
.border{ border-color:rgb(102, 141, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 141, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 141, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 141, 195);  
box-shadow:4px 4px 4px 4px rgb(102, 141,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 135.4950, 29.3360, -29.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 141, 195) }
```

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

```
.background{ background-color: rgb(102,  
141, 195) }
```

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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