

Converting Colors

YUV(130.8160, 29.1777,
-25.2716)

Have a look what the booklet for
YUV(130.8160, 29.1777, -25.2716)
contains.

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Color

**YUV(130.8160, 29.1777,
-25.2716)**

Conversions

Conversions Part 1

Format	Color
Hex	6686BE
RGB	102, 134, 190
RGB Percent	40%, 53%, 75%
CMY	0.6000, 0.4745, 0.2549
CMYK	0.46, 0.29, 0.00, 0.25
HSL	218°, 40%, 57%
HSV	218°, 46%, 75%
XYZ	23.2989, 23.5927, 52.0411
YIQ	130.8160, -37.0480, 10.6320

Conversions

Conversions Part 2

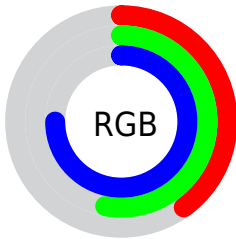
Format	Color
R_{YB}	102, 125, 190
Decimal	6719166
CIE _{Lab}	55.68, 3.97, -32.79
CIE _{LCh}	56, 33.029, 276.897
Yxy	23.5927, 0.2355, 0.2385
Android (android.graphics.Color)	4284909246 (0xFF6686BE)
YUV	130.8160, 29.1777, -25.2716
Hunter-Lab	48.5723, 0.6202, -29.5236

Details

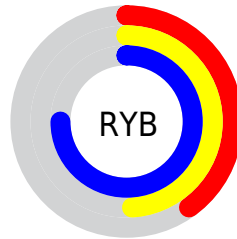
The YUV color **130.8160, 29.1777, -25.2716** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **161.1840, -29.1777, 25.2716**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.8700, 30.6301, -24.4420**, and **79.4520, 27.8782, -28.4604** is the 20% darker color. If you saturate the color by 10%, you get **118.0910, 35.4511, -30.7748**, and if you desaturate by 10%, it is **143.5410, 22.9043, -19.7685**.

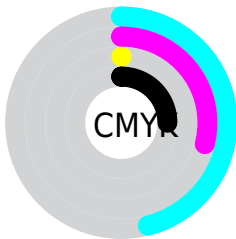
Distribution



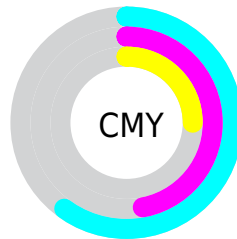
- Red (40%)
- Green (53%)
- Blue (75%)



- Red (40%)
- Yellow (49%)
- Blue (75%)



- Cyan (46%)
- Magenta (29%)
- Yellow (0%)
- Black (25%)



- Cyan (60%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.8160, 29.1777, -25.2716 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 130.8160, 29.1777, -25.2716 by changing the saturation by 10% instead.

■ 130.8160, 29.1777,
-25.2716

■ 130.8160, 29.1777,
-25.2716

■ 255.0000, 0.0000,
0.0000

■ 104.9900, 28.5989,
-26.3012

■ 184.8700, 30.6301,
-24.4420

■ 79.4520, 27.8782,
-28.4604

■ 210.5900, 21.8941,
-22.4424

■ 52.3370, 28.9209,
-36.2525

■ 235.3980, 9.6638,
-19.6430

■ 33.2840, 25.9890,
-29.1901

■ 251.4120, 1.7689,
-7.3773

■ 18.8080, 21.2937,
-16.4946

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 130.8160, 29.1777,
-25.2716

■ 130.8160, 29.1777,
-25.2716

■ 118.0910, 35.4511,
-30.7748

■ 143.5410, 22.9043,
-19.7685

■ 105.3660, 41.7246,
-36.2780

■ 156.2660, 16.6309,
-14.2653

■ 92.6410, 47.9980,
-41.7812

■ 168.9910, 10.3574,
-8.7621

■ 79.9160, 54.2714,
-47.2843

■ 181.7160, 4.0840,
-3.2589

■ 67.1910, 60.5448,
-52.7875

■ 194.4410, -2.1894,
2.2442

■ 62.1630, 63.0236,
-54.5170

■ 207.7530, -8.7522,
7.2326

■ 220.4780,
-15.0257, 12.7358

■ 233.2030,
-21.2991, 18.2390

■ 240.5460,
-24.9192, 12.6762

Harmonies

Analogous

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



118.4970, 32.7860, -62.7029



130.8160, 29.1777, -25.2716



135.9620, 21.2177, 7.9263

Triad

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



130.8160, 29.1777, -25.2716



134.5190, -17.0179, 45.1488



122.4500, -6.1379, -38.1057

Complementary

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



130.8160, 29.1777, -25.2716



161.1840, -29.1777, 25.2716

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.



127.5430, -20.4807, -11.0002



130.8160, 29.1777, -25.2716



132.8520, -25.5630, 32.5788

Square

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



130.8160, 29.1777, -25.2716



135.9610, -3.9248, 45.6382



130.9760, -27.1032, 13.1760



113.1760, 12.7312, -70.3144

Rectangle

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



130.8160, 29.1777, -25.2716



137.4220, 13.5960, 25.9399



130.9760, -27.1032, 13.1760



124.1370, -11.4065, -28.1841

Sweetspot

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



130.8160, 29.1777, -25.2716



223.9200, 11.3784, -9.5768



160.0400, -1.0057, -50.9011



110.5030, 7.1470, -5.7031



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



130.8160, 29.1777, -25.2716



154.0820, 45.8086, -39.5369



115.6200, 36.6693, -1.4207



87.7870, 3.0630, -2.4442



51.4710, 52.5188, -45.1401



9.9910, 10.3574, -8.7621

Inverse Universe

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



131.9600, 1.0057, 50.9011



155.9620, 1.4977, 79.8403



176.3800, -36.6693, 1.4207



88.0330, -0.0163, 5.2331



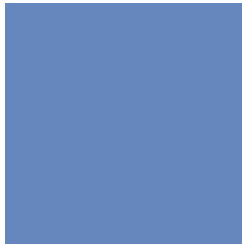
53.7400, 1.6072, 91.4360



10.5230, 0.2352, 17.9583

Previews

White Background



This preview shows how the YUV color 130.8160, 29.1777, -25.2716 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 130.8160, 29.1777, -25.2716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

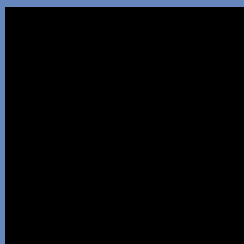
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

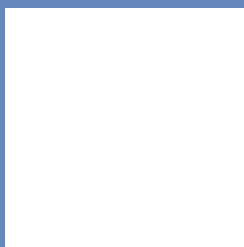
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 130.8160, 29.1777, -25.2716

Background



This preview shows how black text looks on a background with the YUV color 130.8160, 29.1777, -25.2716.

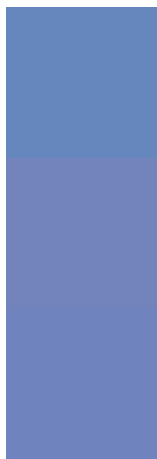


This preview shows how white text looks on a background with the YUV color 130.8160, 29.1777, -25.2716.

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

130.8160, 29.1777, -25.2716

Protanopia

132.7140, 27.2560, -15.5352

Deuteranopia

132.3330, 28.4298, -18.7090



Tritanopia

127.4180, 12.6119, -31.9386

Trichromacy



Original Color

130.8160, 29.1777, -25.2716

Protanomaly

131.9200, 28.1404, -19.2238

Deuteranomaly

132.0230, 28.5827, -21.0682

Tritanomaly

128.3350, 18.5688, -29.2348

Monochromacy



Original Color

130.8160, 29.1777, -25.2716

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.6920, 10.5048, -9.3769

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.8160, 29.1777, -25.2716 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, 134, 190)` looks like.

```
.text, #text, p{  
    color:rgb(102, 134, 190)  
}
```

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, 134, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 134, 190) }
```

Border

The CSS property to change the border of an element to YUV 130.8160, 29.1777, -25.2716 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, 134, 190) }
```


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

```
.border{ border-color:rgb(102, 134, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 134, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 134, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 134, 190);  
box-shadow:4px 4px 4px 4px rgb(102, 134,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 130.8160, 29.1777, -25.2716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 134, 190) }
```

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

```
.background{ background-color: rgb(102,  
134, 190) }
```

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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