

Converting Colors

YUV(129.1910, 30.4718,
-20.3385)

Have a look what the booklet for
YUV(129.1910, 30.4718, -20.3385)
contains.

YUV(129.1910, 30.4718, -20.3385)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(129.1910, 30.4718,
-20.3385)**

Conversions

Conversions Part 1

Format	Color
Hex	6A81BF
RGB	106, 129, 191
RGB Percent	42%, 51%, 75%
CMY	0.5843, 0.4941, 0.2510
CMYK	0.45, 0.32, 0.00, 0.25
HSL	224°, 40%, 58%
HSV	224°, 45%, 75%
XYZ	23.1981, 22.5263, 52.4155
YIQ	129.1910, -33.6100, 14.4060

Conversions

Conversions Part 2

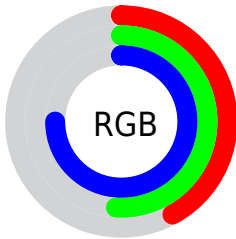
Format	Color
R_{YB}	106, 124, 191
Decimal	6980031
CIE _{Lab}	54.58, 8.24, -35.05
CIE _{LCh}	55, 36.010, 283.230
Yxy	22.5263, 0.2364, 0.2295
Android (android.graphics.Color)	4285170111 (0xFF6A81BF)
YUV	129.1910, 30.4718, -20.3385
Hunter-Lab	47.4619, 4.1878, -32.2549

Details

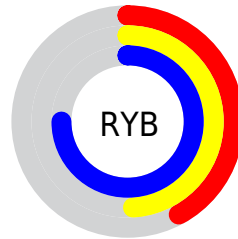
The YUV color **129.1910, 30.4718, -20.3385** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **167.8090, -30.4718, 20.3385**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.2450, 31.9242, -19.5089**, and **78.1260, 29.0249, -22.9125** is the 20% darker color. If you saturate the color by 10%, you get **115.2920, 37.3240, -24.8121**, and if you desaturate by 10%, it is **143.0900, 23.6196, -15.8649**.

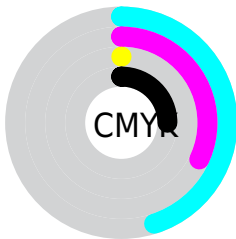
Distribution



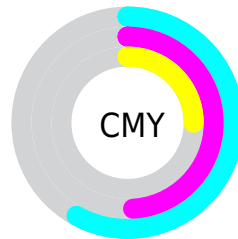
- Red (42%)
- Green (51%)
- Blue (75%)



- Red (42%)
- Yellow (49%)
- Blue (75%)



- Cyan (45%)
- Magenta (32%)
- Yellow (0%)
- Black (25%)



- Cyan (58%)
- Magenta (49%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.1910, 30.4718, -20.3385 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 129.1910, 30.4718, -20.3385 by changing the saturation by 10% instead.

■ 129.1910, 30.4718,
-20.3385

■ 129.1910, 30.4718,
-20.3385

■ 255.0000, 0.0000,
0.0000

■ 103.3650, 29.8931,
-21.3681

■ 183.2450, 31.9242,
-19.5089

■ 78.1260, 29.0249,
-22.9125

■ 208.2640, 23.0408,
-16.8945

■ 52.2070, 29.4779,
-28.2455

■ 233.0720, 10.8105,
-14.0951

■ 31.0500, 27.5833,
-27.2308

■ 252.6080, 1.1793,
-4.9182

■ 15.9870, 23.1774,
-14.0206

■ 6.4350, 17.0405,
-5.6435

■ 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 129.1910, 30.4718,
-20.3385

■ 129.1910, 30.4718,
-20.3385

■ 115.2920, 37.3240,
-24.8121

■ 143.0900, 23.6196,
-15.8649

■ 101.3930, 44.1763,
-29.2857

■ 156.9890, 16.7674,
-11.3914

■ 87.4940, 51.0285,
-33.7592

■ 170.8880, 9.9152,
-6.9178

■ 73.5950, 57.8807,
-38.2328

■ 184.7870, 3.0630,
-2.4442

■ 59.6960, 64.7329,
-42.7064

■ 198.9850, -3.9366,
2.6442

■ 52.2980, 68.3801,
-45.8653

■ 212.8840,
-10.7888, 7.1177

■ 226.7830,
-17.6410, 11.5913

■ 238.8990,
-23.6142, 14.1206

■ 247.1170,
-27.6657, 6.9134

Harmonies

Analogous

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



114.9140, 37.0174, -66.5766



129.1910, 30.4718, -20.3385



133.8920, 20.7592, 15.0037

Triad

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



129.1910, 30.4718, -20.3385



130.9060, -20.6597, 46.5634



116.1110, -2.0267, -50.0863

Complementary

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



129.1910, 30.4718, -20.3385



167.8090, -30.4718, 20.3385

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.



122.8410, -19.1486, -18.2776



129.1910, 30.4718, -20.3385



129.6300, -28.9046, 31.0195

Square

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



129.1910, 30.4718, -20.3385



132.4840, -7.1406, 50.4415



126.7860, -28.9815, 8.9577



102.7050, 20.3584, -90.0723

Rectangle

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



129.1910, 30.4718, -20.3385



134.1240, 12.2639, 33.2173



126.7860, -28.9815, 8.9577



118.4670, -8.6112, -38.1206

Sweetspot

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



129.1910, 30.4718, -20.3385



223.9310, 11.3730, -7.8325



162.8490, 2.0464, -49.8566



110.2150, 7.2890, -4.5736



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.



129.1910, 30.4718, -20.3385



152.0660, 46.8025, -31.6299



121.0720, 34.4745, 2.5679



87.2000, 3.3524, -1.9294



43.2530, 56.5703, -37.9329



8.2300, 11.2256, -7.2177

Inverse Universe

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



134.0370, -2.4832, 49.9566



159.2730, -3.5856, 76.9366



175.9280, -34.4745, -2.5679



87.9190, -0.4531, 5.3330



52.1440, -4.5080, 92.8357



10.1810, -1.0752, 18.2583

Previews

White Background



This preview shows how the YUV color 129.1910, 30.4718, -20.3385 looks on a white background.

Color Contrast Check

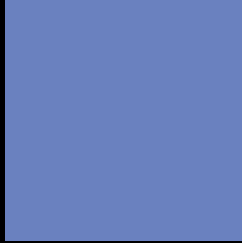
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.1910, 30.4718, -20.3385 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

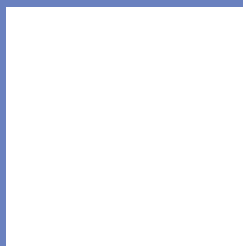
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 129.1910, 30.4718, -20.3385

Background



This preview shows how black text looks on a background with the YUV color 129.1910, 30.4718, -20.3385.

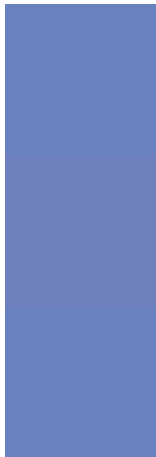


This preview shows how white text looks on a background with the YUV color 129.1910, 30.4718, -20.3385.

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

129.1910, 30.4718, -20.3385

Protanopia

129.6860, 29.7348, -17.2646

Deuteranopia

128.8920, 30.6192, -20.9533



Tritanopia

125.3970, 11.1433, -27.5352

Trichromacy



Original Color

129.1910, 30.4718, -20.3385

Protanomaly

129.3870, 29.8822, -17.8794

Deuteranomaly

128.8920, 30.6192, -20.9533

Tritanomaly

126.6560, 18.4106, -25.1313

Monochromacy



Original Color

129.1910, 30.4718, -20.3385

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.2300, 11.2256, -7.2177

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.1910, 30.4718, -20.3385 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(106, 129, 191)` looks like.

```
.text, #text, p{  
    color:rgb(106, 129, 191)  
}
```

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(106, 129, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 129, 191) }
```

Border

The CSS property to change the border of an element to YUV 129.1910, 30.4718, -20.3385 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(106, 129, 191) }
```


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

```
.border{ border-color:rgb(106, 129, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 129, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 129, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 129, 191);  
box-shadow:4px 4px 4px 4px rgb(106, 129,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 129.1910, 30.4718, -20.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 129, 191) }
```

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

```
.background{ background-color: rgb(106,  
129, 191) }
```

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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