

Converting Colors

YUV(135.8020, 20.3106,
-27.8904)

Have a look what the booklet for
YUV(135.8020, 20.3106, -27.8904)
contains.

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Color

**YUV(135.8020, 20.3106,
-27.8904)**

Conversions

Conversions Part 1

Format	Color
Hex	6890B1
RGB	104, 144, 177
RGB Percent	41%, 56%, 69%
CMY	0.5922, 0.4353, 0.3059
CMYK	0.41, 0.19, 0.00, 0.31
HSL	207°, 32%, 55%
HSV	207°, 41%, 69%
XYZ	23.6180, 26.0639, 45.3810
YIQ	135.8020, -34.4330, 1.7830

Conversions

Conversions Part 2

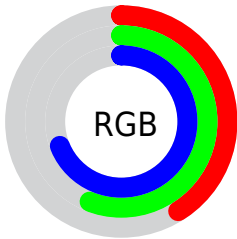
Format	Color
RYB	104, 130, 177
Decimal	6852785
CIELab	58.10, -5.04, -21.64
CIELCh	58, 22.220, 256.883
Yxy	26.0639, 0.2484, 0.2742
Android (android.graphics.Color)	4285042865 (0xFF6890B1)
YUV	135.8020, 20.3106, -27.8904
Hunter-Lab	51.0528, -6.7650, -16.9661

Details

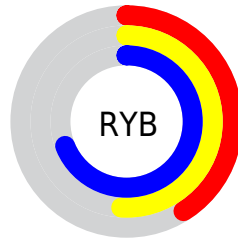
The YUV color $135.8020, 20.3106, -27.8904$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $145.1980, -20.3106, 27.8904$, and the grayscale version is $136.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.0300, 21.1842, -28.0903$, and $84.5630, 19.4424, -29.4348$ is the 20% darker color. If you saturate the color by 10%, you get $125.7240, 25.2791, -34.8379$, and if you desaturate by 10%, it is $145.8800, 15.3422, -20.9428$.

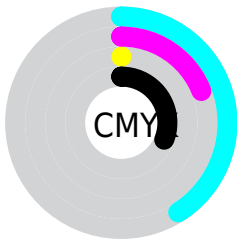
Distribution



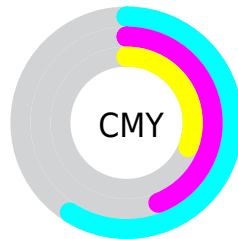
- Red (41%)
- Green (56%)
- Blue (69%)



- Red (41%)
- Yellow (51%)
- Blue (69%)



- Cyan (41%)
- Magenta (19%)
- Yellow (0%)
- Black (31%)



- Cyan (59%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.8020, 20.3106, -27.8904 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 135.8020, 20.3106, -27.8904 by changing the saturation by 10% instead.

■ 135.8020, 20.3106,
-27.8904

■ 135.8020, 20.3106,
-27.8904

255.0000, 0.0000,
0.0000

■ 109.6880, 19.8738,
-27.7904

■ 190.0300, 21.1842,
-28.0903

■ 84.5630, 19.4424,
-29.4348

■ 217.3460, 18.5634,
-27.4904

■ 59.2530, 19.5953,
-31.7939

■ 242.1540, 6.3331,
-24.6911

■ 36.7260, 18.8691,
-32.2087

■ 251.4120, 1.7689,
-7.3773

■ 21.7770, 14.8999,
-19.0984

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 135.8020, 20.3106,
-27.8904

■ 135.8020, 20.3106,
-27.8904

■ 125.7240, 25.2791,
-34.8379

■ 145.8800, 15.3422,
-20.9428

■ 115.9450, 30.1001,
-41.1708

■ 155.6590, 10.5211,
-14.6099

■ 105.8670, 35.0686,
-48.1184

■ 165.7370, 5.5527,
-7.6623

■ 95.7890, 40.0370,
-55.0660

■ 175.8150, 0.5842,
-0.7148

■ 85.7110, 45.0055,
-62.0135

■ 185.5940, -4.2368,
5.6181

■ 77.1170, 49.2423,
-67.6316

■ 195.6720, -9.2053,
12.5657

■ 205.7500,
-14.1738, 19.5132

■ 215.8280,
-19.1422, 26.4608

■ 223.2150,
-22.7840, 27.8754

Harmonies

Analogous

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



131.9160, 17.2964, -41.1453



135.8020, 20.3106, -27.8904



140.3530, 18.0670, -8.2026

Triad

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



135.8020, 20.3106, -27.8904



142.1890, -6.5022, 32.2832



135.0510, -10.8711, -13.1997

Complementary

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



135.8020, 20.3106, -27.8904



145.1980, -20.3106, 27.8904

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.



137.4400, -17.4719, 3.9991



135.8020, 20.3106, -27.8904



140.8160, -14.2063, 29.9794

Square

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



135.8020, 20.3106, -27.8904



142.6750, 3.1182, 26.5950



139.3110, -18.3943, 19.8983



132.4710, -1.2182, -29.3541

Rectangle

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



135.8020, 20.3106, -27.8904



141.8170, 14.3872, 5.4225



139.3110, -18.3943, 19.8983



135.6990, -13.6556, -6.7520

Sweetspot

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



135.8020, 20.3106, -27.8904



213.9970, 7.8895, -10.5214



150.6130, -6.7112, -40.8796



105.5200, 4.6736, -5.7180



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



135.8020, 20.3106, -27.8904



166.2760, 31.4159, -43.2151



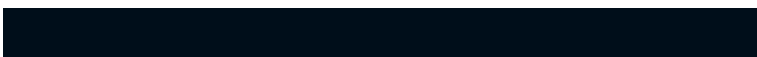
114.6700, 30.7287, -9.3576



83.9610, 2.4842, -3.4738



66.7500, 42.5213, -58.5397



11.1820, 7.3053, -9.8066

Inverse Universe

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



130.3870, 6.7112, 40.8796



157.8550, 10.4245, 63.2712



166.3300, -30.7287, 9.3576



83.2610, 0.8573, 5.0331



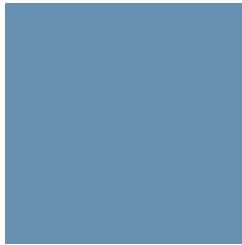
55.3230, 14.1378, 85.6627



9.3700, 2.2826, 14.5845

Previews

White Background



This preview shows how the YUV color 135.8020, 20.3106, -27.8904 looks on a white background.

Color Contrast Check

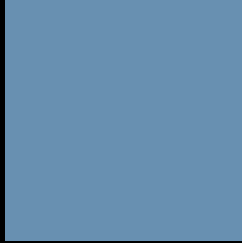
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.8020, 20.3106, -27.8904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

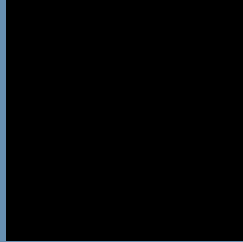
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

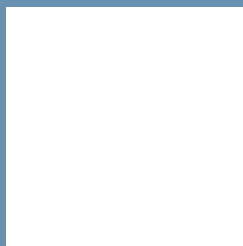
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 135.8020, 20.3106, -27.8904

Background



This preview shows how black text looks on a background with the YUV color 135.8020, 20.3106, -27.8904.

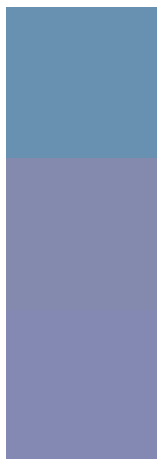


This preview shows how white text looks on a background with the YUV color 135.8020, 20.3106, -27.8904.

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

135.8020, 20.3106, -27.8904

Protanopia

139.8970, 16.3198, -7.8027

Deuteranopia

140.2930, 19.0826, -7.2730



Tritanopia

134.0160, 12.3171, -30.7090

Trichromacy



Original Color

135.8020, 20.3106, -27.8904

Protanomaly

138.1950, 17.6519, -15.0800

Deuteranomaly

138.9500, 19.2517, -14.8651

Tritanomaly

134.8250, 15.3693, -29.6645

Monochromacy



Original Color

135.8020, 20.3106, -27.8904

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.8830, 7.4527, -10.4214

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.8020, 20.3106, -27.8904 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(104, 144, 177)` looks like.

```
.text, #text, p{  
    color:rgb(104, 144, 177)  
}
```

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(104, 144, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 144, 177) }
```

Border

The CSS property to change the border of an element to YUV 135.8020, 20.3106, -27.8904 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(104, 144, 177) }
```


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

```
.border{ border-color:rgb(104, 144, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 144, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 144, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 144, 177);  
box-shadow:4px 4px 4px 4px rgb(104, 144,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 135.8020, 20.3106, -27.8904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 144, 177) }
```

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

```
.background{ background-color: rgb(104,  
144, 177) }
```

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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