

Converting Colors

YUV(131.1000, 41.8557,
-31.6597)

Have a look what the booklet for
YUV(131.1000, 41.8557, -31.6597)
contains.

YUV(131.1000, 41.8557, -31.6597)	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(131.1000, 41.8557,
-31.6597)**

Conversions

Conversions Part 1

Format	Color
Hex	5F85D8
RGB	95, 133, 216
RGB Percent	37%, 52%, 85%
CMY	0.6275, 0.4784, 0.1529
CMYK	0.56, 0.38, 0.00, 0.15
HSL	221°, 61%, 61%
HSV	221°, 56%, 85%
XYZ	25.5015, 24.1658, 68.2861
YIQ	131.1000, -49.2910, 17.7570

Conversions

Conversions Part 2

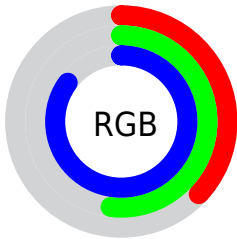
Format	Color
R _Y B	95, 124, 216
Decimal	6260184
CIE Lab	56.25, 11.05, -46.62
CIE LCh	56, 47.910, 283.335
Yxy	24.1658, 0.2162, 0.2049
Android (android.graphics.Color)	4284450264 (0xFF5F85D8)
YUV	131.1000, 41.8557, -31.6597
Hunter-Lab	49.1587, 6.5706, -47.9483

Details

The YUV color **131.1000, 41.8557, -31.6597** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **179.9000, -41.8557, 31.6597**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.9990, 35.0035, -27.1861**, and **75.7350, 42.0356, -42.7406** is the 20% darker color. If you saturate the color by 10%, you get **115.7170, 49.4395, -37.4628**, and if you desaturate by 10%, it is **146.4830, 34.2719, -25.8566**.

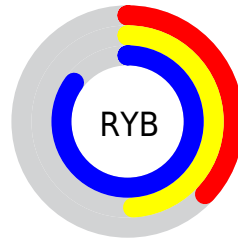
Distribution



Red (37%)

Green (52%)

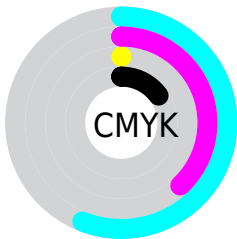
Blue (85%)



Red (37%)

Yellow (49%)

Blue (85%)

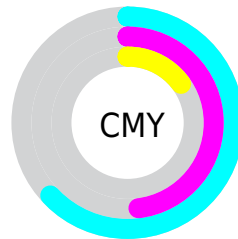


Cyan (56%)

Magenta (38%)

Yellow (0%)

Black (15%)



Cyan (63%)

Magenta (48%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.1000, 41.8557, -31.6597 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 131.1000, 41.8557, -31.6597 by changing the saturation by 10% instead.

■ 131.1000, 41.8557,
-31.6597

■ 131.1000, 41.8557,
-31.6597

255.0000, 0.0000,
0.0000

■ 104.2630, 41.2823,
-34.4337

■ 183.9990, 35.0035,
-27.1861

■ 75.7350, 42.0356,
-42.7406

■ 208.5190, 22.9151,
-23.2572

■ 51.0830, 40.8781,
-44.7998

■ 234.2130, 10.2480,
-20.3578

■ 35.7920, 35.5985,
-31.3896

■ 250.8140, 2.0637,
-8.6069

■ 21.7890, 30.1770,
-19.1090

■ 10.3620, 24.4715,
-9.0875

■ 5.3920, 15.5827,

-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 131.1000, 41.8557,
-31.6597

■ 131.1000, 41.8557,
-31.6597

■ 115.7170, 49.4395,
-37.4628

■ 146.4830, 34.2719,
-25.8566

■ 100.6330, 56.8759,
-42.6511

■ 161.5670, 26.8355,
-20.6683

■ 85.8370, 64.1704,
-48.9690

■ 176.3630, 19.5410,
-14.3504

■ 70.7530, 71.6068,
-54.1574

■ 191.4470, 12.1046,
-9.1620

■ 64.5400, 74.6698,
-56.6016

■ 206.8300, 4.5208,
-3.3589

■ 222.2130, -3.0630,
2.4442

■ 237.2970,
-10.4994, 7.6325

■ 248.7930,
-16.1669, 5.4435

■ 250.5540,
-17.0351, 3.8991

Harmonies

Analogous

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



110.0980, 51.2237, -96.5559



131.1000, 41.8557, -31.6597



138.8740, 28.1631, 20.2815

Triad

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



131.1000, 41.8557, -31.6597



133.8000, -26.5234, 60.6884



102.9380, 3.4816, -90.2766

Complementary

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



131.1000, 41.8557, -31.6597



179.9000, -41.8557, 31.6597

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.



123.0760, -25.6735, -25.4997



131.1000, 41.8557, -31.6597



132.0520, -38.9726, 40.2964

Square

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



131.1000, 41.8557, -31.6597



134.3660, -8.0684, 68.0850



129.0390, -39.4592, 9.6128



109.0140, 21.6851, -95.6053

Rectangle

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



131.1000, 41.8557, -31.6597



138.7540, 16.8833, 44.9427



129.0390, -39.4592, 9.6128



115.7050, -9.7146, -57.6233

Sweetspot

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



131.1000, 41.8557, -31.6597



224.5330, 15.0202, -10.9914



175.4890, 1.2379, -70.5889



109.6600, 9.0416, -6.7178



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.



131.1000, 41.8557, -31.6597



135.1920, 59.0653, -44.8954



115.3720, 49.6096, 1.4278



99.6020, 3.6472, -3.1590



51.1920, 59.0653, -44.8954



13.1200, 14.7308, -11.5062

Inverse Universe

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



135.5110, -1.2379, 70.5889



141.2850, -1.6195, 99.7281



195.6280, -49.6096, -1.4278



99.7450, 0.1257, 6.3626



57.2850, -1.6195, 99.7281



14.4530, -0.2233, 25.0357

Previews

White Background



This preview shows how the YUV color 131.1000, 41.8557, -31.6597 looks on a white background.

Color Contrast Check

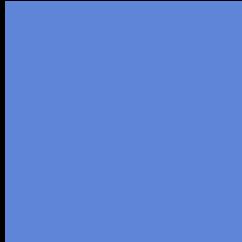
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.1000, 41.8557, -31.6597 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 131.1000, 41.8557, -31.6597 Background



This preview shows how black text looks on a background with the YUV color 131.1000, 41.8557, -31.6597.

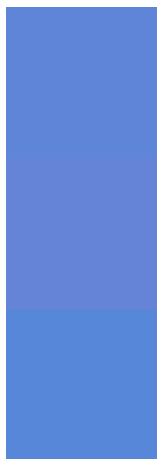


This preview shows how white text looks on a background with the YUV color 131.1000, 41.8557, -31.6597.

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

131.1000, 41.8557, -31.6597

Protanopia

132.4920, 40.6764, -26.7415

Deuteranopia

129.8820, 42.4562, -37.6075



Tritanopia

124.5410, 16.0023, -46.0785

Trichromacy



Original Color

131.1000, 41.8557, -31.6597

Protanomaly

131.5950, 41.1187, -28.5858

Deuteranomaly

130.1920, 42.3033, -35.2484

Tritanomaly

126.9790, 25.1534, -41.2006

Monochromacy



Original Color

131.1000, 41.8557, -31.6597

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.2340, 15.1676, -11.6062

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.1000, 41.8557, -31.6597 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(95, 133, 216)` looks like.

```
.text, #text, p{  
    color:rgb(95, 133, 216)  
}
```

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(95, 133, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 133, 216) }
```

Border

The CSS property to change the border of an element to YUV 131.1000, 41.8557, -31.6597 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(95, 133, 216) }
```


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

```
.border{ border-color:rgb(95, 133, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 133, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 133, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 133, 216);  
box-shadow:4px 4px 4px 4px rgb(95, 133,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 131.1000, 41.8557, -31.6597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 133, 216) }
```

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

```
.background{ background-color: rgb(95, 133,  
216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor