

Converting Colors

YUV(191.1220, 31.4919,
-67.6360)

Have a look what the booklet for
YUV(191.1220, 31.4919, -67.6360)
contains.

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Color

**YUV(191.1220, 31.4919,
-67.6360)**

Conversions

Conversions Part 1

Format	Color
Hex	72DAFF
RGB	114, 218, 255
RGB Percent	45%, 85%, 100%
CMY	0.5529, 0.1451, 0.0000
CMYK	0.55, 0.15, 0.00, 0.00
HSL	196°, 100%, 72%
HSV	196°, 55%, 100%
XYZ	50.0608, 60.9402, 103.7319
YIQ	191.1220, -73.8610, -10.5410

Conversions

Conversions Part 2

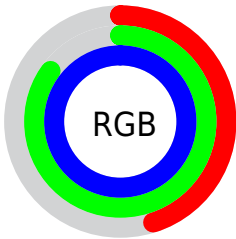
Format	Color
RYB	114, 174, 255
Decimal	7527167
CIELab	82.35, -20.12, -27.23
CIELCh	82, 33.857, 233.546
Yxy	60.9402, 0.2331, 0.2838
Android (android.graphics.Color)	4285717247 (0xFF72DAFF)
YUV	191.1220, 31.4919, -67.6360
Hunter-Lab	78.0642, -22.1443, -24.1397

Details

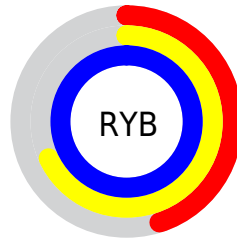
The YUV color **191.1220, 31.4919, -67.6360** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **177.8780, -31.4919, 67.6360**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.0800, 11.7926, -49.1822**, and **131.4090, 32.8294, -76.6577** is the 20% darker color. If you saturate the color by 10%, you get **179.5380, 37.2028, -79.4018**, and if you desaturate by 10%, it is **203.0050, 25.6335, -55.2554**.

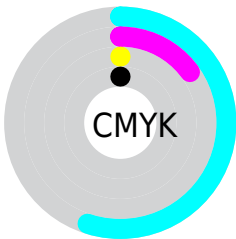
Distribution



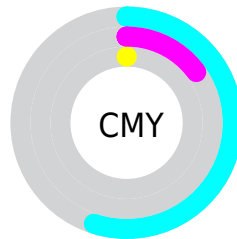
- Red (45%)
- Green (85%)
- Blue (100%)



- Red (45%)
- Yellow (68%)
- Blue (100%)



- Cyan (55%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.1220, 31.4919, -67.6360 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 191.1220, 31.4919, -67.6360 by changing the saturation by 10% instead.

191.1220, 31.4919,
-67.6360

191.1220, 31.4919,
-67.6360

255.0000, 0.0000,
0.0000

161.8120, 31.6447,
-69.9951

231.0800, 11.7926,
-49.1822

131.4090, 32.8294,
-76.6577

240.0500, 7.3704,
-30.7388

99.9130, 35.0459,
-87.6237

249.0200, 2.9481,
-12.2955

81.5730, 30.7765,
-71.5395

64.5210, 26.3651,
-56.5849

47.6970, 22.8274,
-41.8303

32.0470, 18.7108,

-28.1052

■ 15.9240, 15.3205,
-13.9653

■ 3.5510, 11.0674,
-3.1142

■ 191.1220, 31.4919,
-67.6360

■ 191.1220, 31.4919,
-67.6360

■ 179.5380, 37.2028,
-79.4018

■ 203.0050, 25.6335,
-55.2554

■ 168.2420, 42.7717,
-92.2972

■ 214.0020, 20.2120,
-42.9748

■ 156.3590, 48.6300,
-104.6778

■ 225.8850, 14.3537,
-30.5941

■ 144.7750, 54.3409,
-116.4437

■ 237.4690, 8.6428,
-18.8283

■ 139.4260, 56.9780,
-122.2766

■ 248.7650, 3.0739,
-5.9329

255.0000, 0.0000,
0.0000

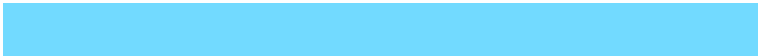
Harmonies

Analogous

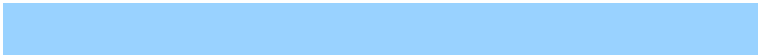
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



187.8150, 20.3042, -72.6288



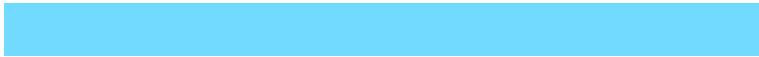
191.1220, 31.4919, -67.6360



198.0870, 28.0581, -39.5413

Triad

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



191.1220, 31.4919, -67.6360



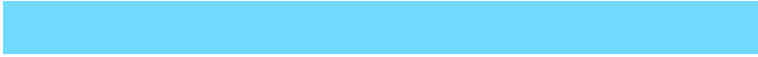
207.3610, 2.7800, 41.7794



200.6000, -26.9178, 0.3508

Complementary

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



191.1220, 31.4919, -67.6360



177.8780, -31.4919, 67.6360

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.



204.1410, -30.6355, 26.1863



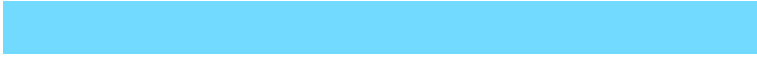
191.1220, 31.4919, -67.6360



204.3000, -11.4869, 44.4639

Square

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



191.1220, 31.4919, -67.6360



209.5190, 16.5061, 25.8548



205.4450, -24.8694, 43.4597



196.2250, -14.9009, -27.3843

Rectangle

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



191.1220, 31.4919, -67.6360



203.5460, 25.3668, -16.2648



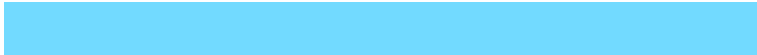
205.4450, -24.8694, 43.4597



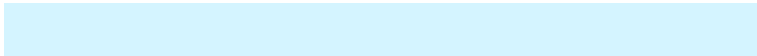
201.4980, -28.8395, 10.0873

Sweetspot

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



191.1220, 31.4919, -67.6360



235.6860, 9.5218, -20.7726



200.7570, -25.5162, -76.0859



116.1170, 5.8583, -12.3806



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.



191.1220, 31.4919, -67.6360



178.9400, 37.4976, -80.6314



150.6190, 51.4598, -32.1149



121.7650, 3.0739, -5.9329



104.5410, 42.6243, -91.6825



34.8850, 14.3537, -30.5941

Inverse Universe

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



168.0150, 24.6426, 76.2858



151.3680, 29.3986, 90.8853



218.3810, -51.4598, 32.1149



119.9130, 2.0149, 7.0923



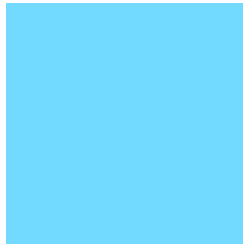
73.1830, 33.4338, 103.3255



24.4940, 11.0955, 34.6468

Previews

White Background



This preview shows how the YUV color 191.1220, 31.4919, -67.6360 looks on a white background.

Color Contrast Check

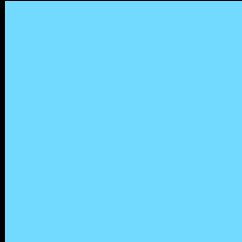
Large Text (above 18pt) WCAG AA × Fail

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 191.1220, 31.4919, -67.6360 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 ✓ Pass

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

YUV 191.1220, 31.4919, -67.6360

Background



This preview shows how black text looks on a background with the YUV color 191.1220, 31.4919, -67.6360.

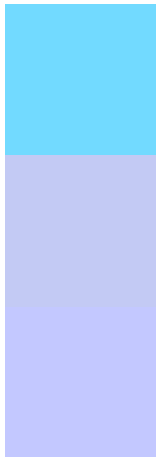


This preview shows how white text looks on a background with the YUV color 191.1220, 31.4919, -67.6360.

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

191.1220, 31.4919, -67.6360

Protanopia

204.6950, 19.3774, -8.5025

Deuteranopia

204.7750, 24.7609, -8.5727



Tritanopia

189.2650, 24.5194, -71.2694

Trichromacy



Original Color

191.1220, 31.4919, -67.6360

Protanomaly

200.0020, 23.6630, -29.8198

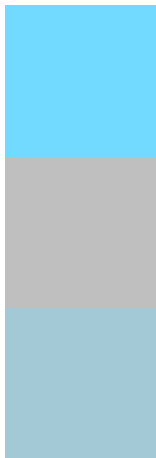
Deuteranomaly

200.2130, 27.0100, -30.0048

Tritanomaly

189.9600, 27.1347, -70.1249

Monochromacy



Original Color

191.1220, 31.4919, -67.6360

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.1200, 11.2798, -24.6612

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.1220, 31.4919, -67.6360 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(114, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(114, 218, 255)  
}
```

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(114, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 218, 255) }
```

Border

The CSS property to change the border of an element to YUV 191.1220, 31.4919, -67.6360 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(114, 218, 255) }
```


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

```
.border{ border-color:rgb(114, 218, 255) }
```

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

Here you see how a box with a 4 pixel rgb(114, 218, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(114, 218,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 191.1220, 31.4919, -67.6360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 218, 255) }
```

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

```
.background{ background-color: rgb(114,  
218, 255) }
```

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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