

Converting Colors

YUV(191.8520, 31.1320,
-45.4742)

Have a look what the booklet for
YUV(191.8520, 31.1320, -45.4742)
contains.

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Color

**YUV(191.8520, 31.1320,
-45.4742)**

Conversions

Conversions Part 1

Format	Color
Hex	8CCEFF
RGB	140, 206, 255
RGB Percent	55%, 81%, 100%
CMY	0.4510, 0.1922, 0.0000
CMYK	0.45, 0.19, 0.00, 0.00
HSL	206°, 100%, 77%
HSV	206°, 45%, 100%
XYZ	50.9365, 56.9381, 102.9132
YIQ	191.8520, -55.0650, 1.2470

Conversions

Conversions Part 2

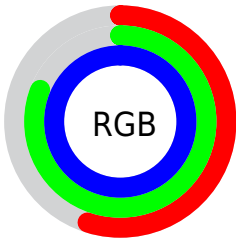
Format	Color
R _Y B	140, 182, 255
Decimal	9228031
CIE Lab	80.14, -8.29, -30.51
CIE LCh	80, 31.614, 254.807
Yxy	56.9381, 0.2416, 0.2701
Android (android.graphics.Color)	4287418111 (0xFF8CCEFF)
YUV	191.8520, 31.1320, -45.4742
Hunter-Lab	75.4573, -11.5561, -28.0432

Details

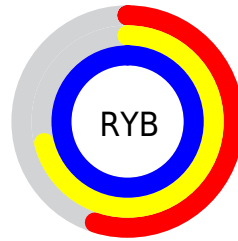
The YUV color **191.8520, 31.1320, -45.4742** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **203.1480, -31.1320, 45.4742**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9570, 8.4022, -35.0423**, and **136.3140, 30.4112, -47.6334** is the 20% darker color. If you saturate the color by 10%, you get **177.9200, 38.0004, -55.1808**, and if you desaturate by 10%, it is **206.0830, 24.1161, -35.1528**.

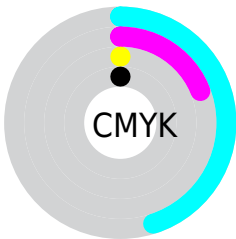
Distribution



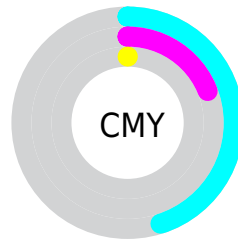
- Red (55%)
- Green (81%)
- Blue (100%)



- Red (55%)
- Yellow (71%)
- Blue (100%)



- Cyan (45%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.8520, 31.1320, -45.4742 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 191.8520, 31.1320, -45.4742 by changing the saturation by 10% instead.

■ 191.8520, 31.1320,
-45.4742

■ 191.8520, 31.1320,
-45.4742

■ 255.0000, 0.0000,
0.0000

■ 164.0260, 30.5532,
-46.5038

■ 237.9570, 8.4022,
-35.0423

■ 136.3140, 30.4112,
-47.6334

■ 246.6280, 4.1274,
-17.2138

■ 108.7050, 30.7114,
-50.6073

■ 76.0020, 33.5230,
-65.7768

■ 58.6510, 29.2591,
-51.4369

■ 42.8870, 24.7057,
-37.6119

■ 27.2370, 20.5892,

-23.8868

■ 8.2930, 19.0826,
-7.2730

■ 3.4370, 10.6306,
-3.0142

■ 191.8520, 31.1320,
-45.4742

■ 191.8520, 31.1320,
-45.4742

■ 177.9200, 38.0004,
-55.1808

■ 206.0830, 24.1161,
-35.1528

■ 163.6890, 45.0163,
-65.5023

■ 220.0150, 17.2476,
-25.4462

■ 149.7570, 51.8848,
-75.2089

■ 234.2460, 10.2317,
-15.1247

■ 136.1130, 58.6113,
-86.0451

■ 247.5910, 3.6526,
-4.9033

■ 122.1810, 65.4798, 255.0000, 0.0000,
-95.7517 0.0000

■ 114.7720, 69.1324,
-100.6550

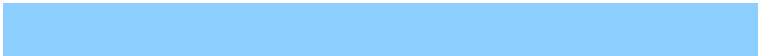
Harmonies

Analogous

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



184.8790, 26.6817, -64.7919



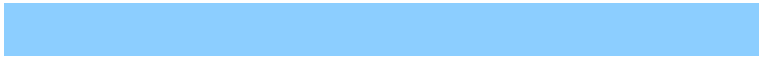
191.8520, 31.1320, -45.4742



199.1270, 27.5454, -15.0204

Triad

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



191.8520, 31.1320, -45.4742



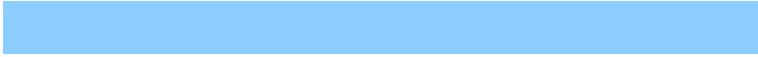
201.2340, -8.0034, 47.1528



191.8950, -17.6962, -17.4479

Complementary

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



191.8520, 31.1320, -45.4742



203.1480, -31.1320, 45.4742

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.



195.9430, -27.0869, 7.9430



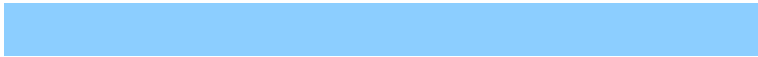
191.8520, 31.1320, -45.4742



200.4930, -20.9490, 46.0486

Square

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



191.8520, 31.1320, -45.4742



203.7350, 5.5536, 38.8204



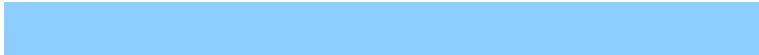
198.5590, -27.8836, 30.2048



187.6280, -2.7746, -43.5238

Rectangle

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



191.8520, 31.1320, -45.4742



202.1790, 22.0968, 5.9820



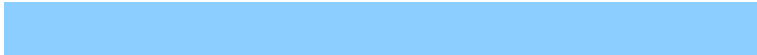
198.5590, -27.8836, 30.2048



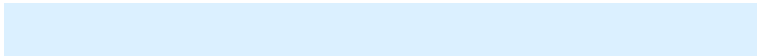
193.3260, -21.3597, -9.0559

Sweetspot

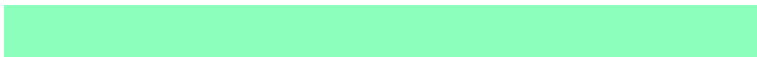
The Sweet Spot groups the original color and five complimentary colors.



191.8520, 31.1320, -45.4742



235.4310, 9.6475, -14.4100



212.9770, -12.3137, -64.0008



115.5520, 6.1369, -8.3771



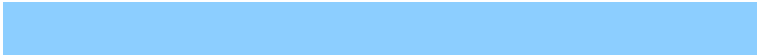
0.0000, 0.0000, 0.0000



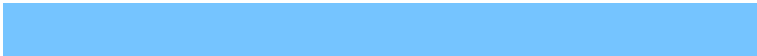
128.0000, 0.0000, 0.0000

Same Dimension

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



191.8520, 31.1320, -45.4742



179.1050, 37.4162, -54.4661



158.9800, 47.3379, -16.6455



120.5910, 3.6526, -4.9033



86.3440, 51.5954, -75.7237



29.0150, 17.2476, -25.4462

Inverse Universe

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



181.9090, 11.8769, 64.1008



167.2680, 14.1649, 76.9410



236.0200, -47.3379, 16.6455



119.6850, 1.1413, 7.2923



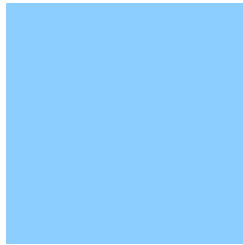
69.6490, 19.8930, 106.4248



23.3540, 6.7275, 35.6465

Previews

White Background



This preview shows how the YUV color 191.8520, 31.1320, -45.4742 looks on a white background.

Color Contrast Check

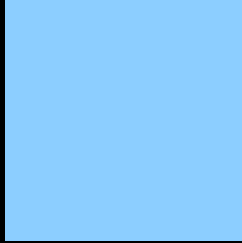
Large Text (above 18pt) WCAG AA × Fail

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 191.8520, 31.1320, -45.4742 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

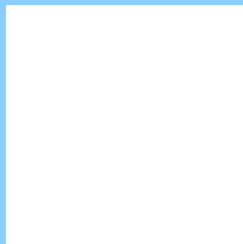
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 191.8520, 31.1320, -45.4742

Background



This preview shows how black text looks on a background with the YUV color 191.8520, 31.1320, -45.4742.



This preview shows how white text looks on a background with the YUV color 191.8520, 31.1320, -45.4742.

-45.4742.

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

191.8520, 31.1320, -45.4742

Protanopia

198.6390, 24.3350, -11.9614

Deuteranopia

199.1490, 27.5345, -11.5317



Tritanopia

189.3170, 19.0707, -50.2670

Trichromacy



Original Color

191.8520, 31.1320, -45.4742

Protanomaly

196.5450, 26.8463, -24.1570

Deuteranomaly

196.4140, 28.8829, -24.0421

Tritanomaly

190.1800, 23.5753, -48.3929

Monochromacy



Original Color

191.8520, 31.1320, -45.4742

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

191.8760, 11.4001, -16.5543

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.8520, 31.1320, -45.4742 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(140, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 206, 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(140, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 206, 255) }
```

Border

The CSS property to change the border of an element to YUV 191.8520, 31.1320, -45.4742 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(140, 206, 255) }
```


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

```
.border{ border-color:rgb(140, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 206, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 206, 255); box-shadow:4px 4px 4px 4px rgb(140, 206, 255) }
```

Background

The CSS property to change the background color of an element to YUV 191.8520, 31.1320, -45.4742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 206, 255) }
```

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

```
.background{ background-color: rgb(140,  
206, 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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