

Converting Colors

YUV(203.1680, 25.0602,
-58.0293)

Have a look what the booklet for
YUV(203.1680, 25.0602, -58.0293)
contains.

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Color

**YUV(203.1680, 25.0602,
-58.0293)**

Conversions

Conversions Part 1

Format	Color
Hex	89E3FE
RGB	137, 227, 254
RGB Percent	54%, 89%, 100%
CMY	0.4627, 0.1098, 0.0039
CMYK	0.46, 0.11, 0.00, 0.00
HSL	194°, 98%, 77%
HSV	194°, 46%, 100%
XYZ	55.6750, 67.4123, 103.8434
YIQ	203.1680, -62.3070, -10.6830

Conversions

Conversions Part 2

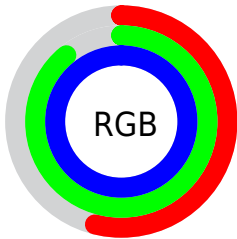
Format	Color
R _Y B	137, 188, 254
Decimal	9036798
CIE _{Lab}	85.71, -20.06, -21.50
CIE _{LCh}	86, 29.404, 226.987
Y _{xy}	67.4123, 0.2453, 0.2971
Android (android.graphics.Color)	4287226878 (0xFF89E3FE)
YUV	203.1680, 25.0602, -58.0293
Hunter-Lab	82.1050, -22.6437, -17.5144

Details

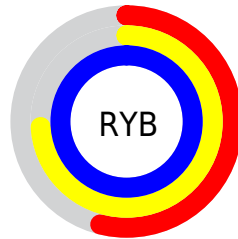
The YUV color **203.1680, 25.0602, -58.0293** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **187.8320, -25.0602, 58.0293**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3590, 8.6970, -36.2718**, and **145.8580, 25.2130, -60.3885** is the 20% darker color. If you saturate the color by 10%, you get **192.1710, 30.4817, -70.3100**, and if you desaturate by 10%, it is **214.1650, 19.6387, -45.7487**.

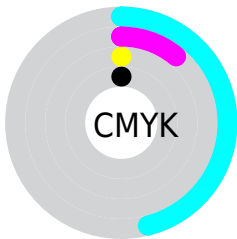
Distribution



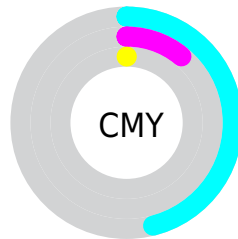
- Red (54%)
- Green (89%)
- Blue (100%)



- Red (54%)
- Yellow (74%)
- Blue (100%)



- Cyan (46%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.1680, 25.0602, -58.0293 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 203.1680, 25.0602, -58.0293 by changing the saturation by 10% instead.

■ 203.1680, 25.0602,
-58.0293

■ 203.1680, 25.0602,
-58.0293

255.0000, 0.0000,
0.0000

■ 174.7550, 24.7708,
-58.5441

■ 237.3590, 8.6970,
-36.2718

■ 145.8580, 25.2130,
-60.3885

■ 246.0300, 4.4222,
-18.4433

■ 117.3520, 25.9555,
-65.2067

■ 86.1550, 28.0246,
-75.5579

■ 68.6300, 24.3394,
-60.1885

■ 51.6920, 20.3648,
-45.3339

■ 36.0420, 16.2483,

-31.6088

■ 21.7940, 12.4266,
-19.1133

■ 3.5510, 11.0674,
-3.1142

■ 203.1680, 25.0602,
-58.0293

■ 203.1680, 25.0602,
-58.0293

■ 192.1710, 30.4817,
-70.3100

■ 214.1650, 19.6387,
-45.7487

■ 180.8750, 36.0506,
-83.2054

■ 225.4610, 14.0697,
-32.8533

■ 169.8780, 41.4721,
-95.4860

■ 236.4580, 8.6482,
-20.5727

■ 159.1690, 46.7517,
-108.8962

■ 247.1670, 3.3687,
-7.1625

■ 148.1720, 52.1732, 254.8860, -0.4368,
-121.1768 0.1000

■ 143.4210, 54.5154,
-125.7802

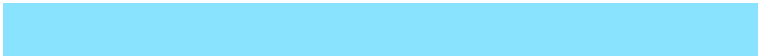
Harmonies

Analogous

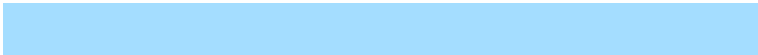
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



201.4810, 13.5669, -58.3038



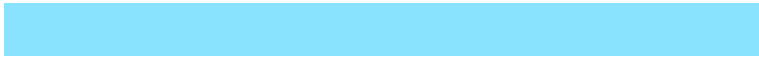
203.1680, 25.0602, -58.0293



207.8330, 23.2533, -38.4415

Triad

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



203.1680, 25.0602, -58.0293



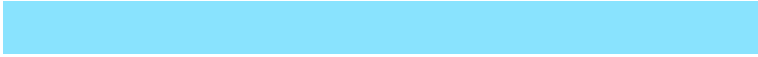
216.7020, 5.5699, 33.5873



211.5020, -24.8975, 5.6987

Complementary

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



203.1680, 25.0602, -58.0293



187.8320, -25.0602, 58.0293

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.



214.0040, -26.1310, 28.0605



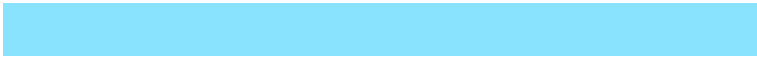
203.1680, 25.0602, -58.0293



213.3960, -7.0972, 36.4867

Square

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



203.1680, 25.0602, -58.0293



218.4640, 16.5332, 17.1331



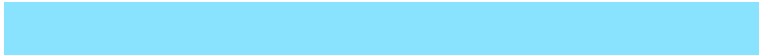
213.5950, -19.0273, 36.3122



208.0520, -15.8016, -18.4626

Rectangle

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



203.1680, 25.0602, -58.0293



211.7860, 21.3045, -19.9833



213.5950, -19.0273, 36.3122



212.5030, -26.3770, 13.5909

Sweetspot

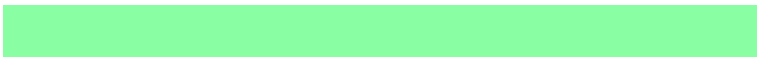
The Sweet Spot groups the original color and five complimentary colors.



203.1680, 25.0602, -58.0293



239.5400, 7.6218, -18.0136



208.5290, -22.9388, -62.7309



117.9000, 4.9793, -10.4363



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.



203.1680, 25.0602, -58.0293



194.3560, 29.8975, -69.5952



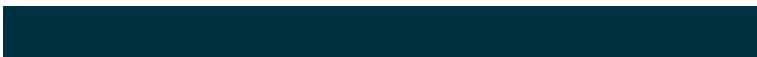
169.7090, 41.5555, -28.6858



122.3520, 2.7845, -6.4477



108.0630, 40.8879, -94.7713



36.0590, 13.7749, -31.6237

Inverse Universe

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



182.2430, 22.0652, 62.9309



169.1720, 26.5372, 75.2712



221.2910, -41.5555, 28.6858



120.0270, 2.4517, 6.9923



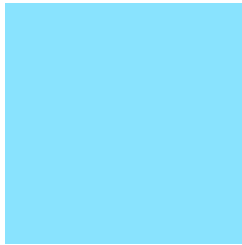
73.8670, 36.0546, 102.7256



24.7220, 11.9691, 34.4468

Previews

White Background



This preview shows how the YUV color 203.1680, 25.0602, -58.0293 looks on a white background.

Color Contrast Check

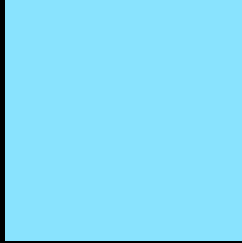
Large Text (above 18pt) WCAG AA × Fail

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 203.1680, 25.0602, -58.0293 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 203.1680, 25.0602, -58.0293

Background



This preview shows how black text looks on a background with the YUV color 203.1680, 25.0602, -58.0293.



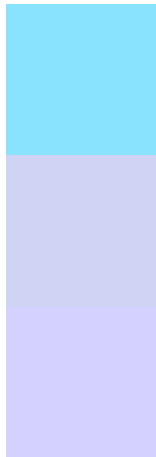
This preview shows how white text looks on a background with the YUV color 203.1680, 25.0602, -58.0293.

-58.0293.

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

203.1680, 25.0602, -58.0293

Protanopia

214.4520, 14.5672, -5.6584

Deuteranopia

215.1410, 19.6505, -2.7547



Tritanopia

202.3590, 22.0080, -59.0738

Trichromacy



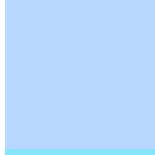
Original Color

203.1680, 25.0602, -58.0293



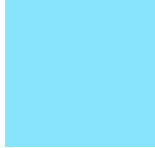
Protanomaly

210.0690, 18.7000, -24.6165



Deuteranomaly

211.1770, 21.6047, -22.9572



Tritanomaly

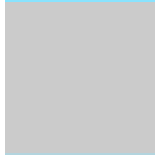
203.0000, 23.1710, -58.7590

Monochromacy



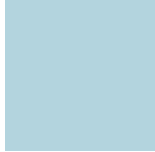
Original Color

203.1680, 25.0602, -58.0293



Achromatopsia

203.0000, 0.0000, 0.0000



Achromatomaly

203.2730, 9.2324, -21.2874

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.1680, 25.0602, -58.0293 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(137, 227, 254)` looks like.

```
.text, #text, p{  
    color:rgb(137, 227, 254)  
}
```

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(137, 227, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 227, 254) }
```

Border

The CSS property to change the border of an element to YUV 203.1680, 25.0602, -58.0293 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(137, 227, 254) }
```


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

```
.border{ border-color:rgb(137, 227, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 227, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 227, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 227, 254);  
box-shadow:4px 4px 4px 4px rgb(137, 227,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 203.1680, 25.0602, -58.0293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 227, 254) }
```

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

```
.background{ background-color: rgb(137,  
227, 254) }
```

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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