

Converting Colors

YUV(204.7550, 24.7708,
-58.5441)

Have a look what the booklet for
YUV(204.7550, 24.7708, -58.5441)
contains.

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Color

**YUV(204.7550, 24.7708,
-58.5441)**

Conversions

Conversions Part 1

Format	Color
Hex	8AE5FF
RGB	138, 229, 255
RGB Percent	54%, 90%, 100%
CMY	0.4588, 0.1020, 0.0000
CMYK	0.46, 0.10, 0.00, 0.00
HSL	193°, 100%, 77%
HSV	193°, 46%, 100%
XYZ	56.5505, 68.6619, 104.8803
YIQ	204.7550, -62.5820, -11.2060

Conversions

Conversions Part 2

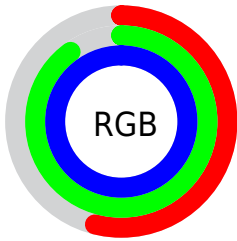
Format	Color
R_{YB}	138, 189, 255
Decimal	9102847
CIE _{Lab}	86.34, -20.57, -21.08
CIE _{LCh}	86, 29.450, 225.698
Yxy	68.6619, 0.2458, 0.2984
Android (android.graphics.Color)	4287292927 (0xFF8AE5FF)
YUV	204.7550, 24.7708, -58.5441
Hunter-Lab	82.8625, -23.1897, -17.0405

Details

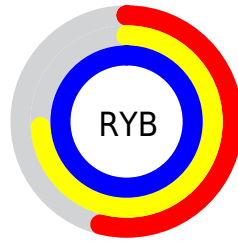
The YUV color **204.7550, 24.7708, -58.5441** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **188.2450, -24.7708, 58.5441**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.6580, 8.5496, -35.6571**, and **147.4450, 24.9236, -60.9033** is the 20% darker color. If you saturate the color by 10%, you get **193.7580, 30.1923, -70.8248**, and if you desaturate by 10%, it is **215.7520, 19.3493, -46.2635**.

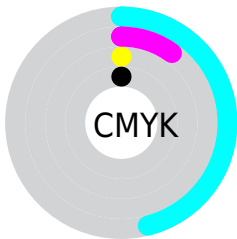
Distribution



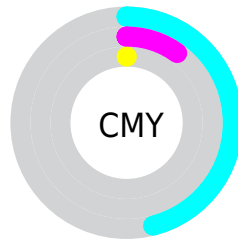
- Red (54%)
- Green (90%)
- Blue (100%)



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



- Cyan (46%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.7550, 24.7708, -58.5441 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 204.7550, 24.7708, -58.5441 by changing the saturation by 10% instead.

204.7550, 24.7708,
-58.5441

204.7550, 24.7708,
-58.5441

255.0000, 0.0000,
0.0000

176.3420, 24.4814,
-59.0589

237.6580, 8.5496,
-35.6571

147.4450, 24.9236,
-60.9033

246.3290, 4.2748,
-17.8285

118.9390, 25.6661,
-65.7215

87.4430, 27.8826,
-76.6875

69.9180, 24.1974,
-61.3181

52.9800, 20.2229,
-46.4635

36.7430, 16.3957,

-32.2236

■ 23.0820, 12.2846,
-20.2429

■ 3.6650, 11.5042,
-3.2142

■ 204.7550, 24.7708,
-58.5441

■ 204.7550, 24.7708,
-58.5441

■ 193.7580, 30.1923,
-70.8248

■ 215.7520, 19.3493,
-46.2635

■ 183.0490, 35.4718,
-84.2350

■ 226.4610, 14.0697,
-32.8533

■ 172.0520, 40.8934,
-96.5156

■ 237.7570, 8.5008,
-19.9579

■ 160.7560, 46.4623,
-109.4110

■ 248.7540, 3.0793,
-7.6773

■ 150.3460, 51.5944, 255.0000, 0.0000,
-122.2064 0.0000

■ 145.2960, 54.0841,
-127.4246

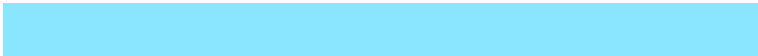
Harmonies

Analogous

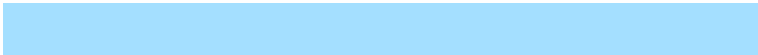
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



203.3670, 13.1301, -58.2039



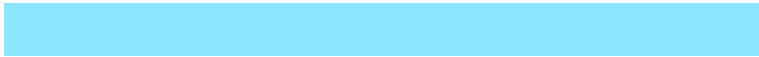
204.7550, 24.7708, -58.5441



209.0070, 22.6745, -39.4711

Triad

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



204.7550, 24.7708, -58.5441



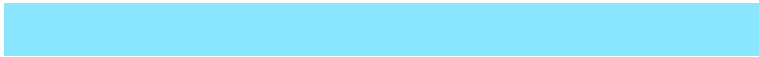
218.2180, 6.3015, 32.2578



213.1000, -25.1923, 6.9283

Complementary

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



204.7550, 24.7708, -58.5441



188.2450, -24.7708, 58.5441

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.



216.1890, -26.7152, 28.7752



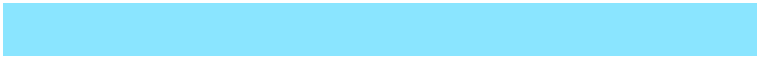
204.7550, 24.7708, -58.5441



214.3250, -6.0762, 35.6720

Square

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



204.7550, 24.7708, -58.5441



219.9800, 17.2649, 15.8035



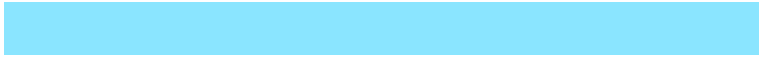
214.4100, -18.4431, 35.5974



209.5360, -16.5332, -17.1331

Rectangle

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



204.7550, 24.7708, -58.5441



212.9600, 20.7257, -21.0129



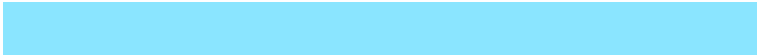
214.4100, -18.4431, 35.5974



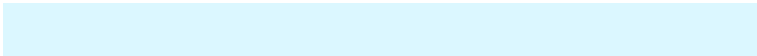
214.1010, -26.6718, 14.8204

Sweetspot

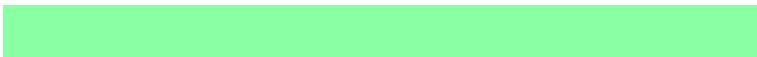
The Sweet Spot groups the original color and five complimentary colors.



204.7550, 24.7708, -58.5441



239.5400, 7.6218, -18.0136



209.5290, -22.9388, -62.7309



118.4870, 4.6899, -10.9511



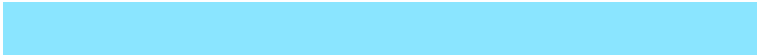
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



204.7550, 24.7708, -58.5441



194.9430, 29.6081, -70.1100



170.7090, 41.5555, -28.6858



122.3520, 2.7845, -6.4477



109.2370, 40.3092, -95.8008



36.6460, 13.4855, -32.1385

Inverse Universe

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



183.3570, 22.5020, 62.8309



169.2860, 26.9740, 75.1712



222.2910, -41.5555, 28.6858



120.0270, 2.4517, 6.9923



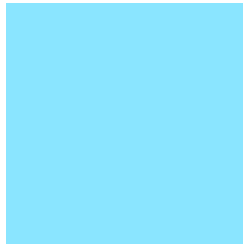
74.0950, 36.9282, 102.5257



24.8360, 12.4059, 34.3468

Previews

White Background



This preview shows how the YUV color 204.7550, 24.7708, -58.5441 looks on a white background.

Color Contrast Check

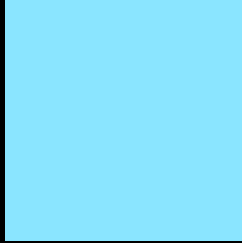
Large Text (above 18pt) WCAG AA × Fail

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 204.7550, 24.7708, -58.5441 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 204.7550, 24.7708, -58.5441 Background



This preview shows how black text looks on a background with the YUV color 204.7550, 24.7708, -58.5441.

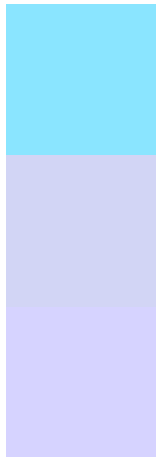


This preview shows how white text looks on a background with the YUV color 204.7550, 24.7708, -58.5441.

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

204.7550, 24.7708, -58.5441

Protanopia

215.7510, 14.4198, -5.0436

Deuteranopia

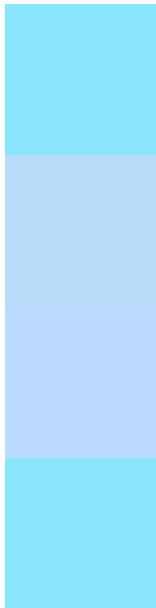
216.9130, 18.7769, -2.5547



Tritanopia

204.0600, 22.1554, -59.6886

Trichromacy



Original Color

204.7550, 24.7708, -58.5441

Protanomaly

211.9550, 18.2632, -24.5165

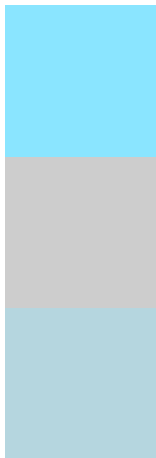
Deuteranomaly

212.6500, 20.8786, -23.3720

Tritanomaly

204.5870, 22.8816, -59.2738

Monochromacy



Original Color

204.7550, 24.7708, -58.5441

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.1590, 8.7956, -21.1874

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.7550, 24.7708, -58.5441 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(138, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(138, 229, 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(138, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 229, 255) }
```

Border

The CSS property to change the border of an element to YUV 204.7550, 24.7708, -58.5441 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(138, 229, 255) }
```


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

```
.border{ border-color:rgb(138, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(138, 229,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 204.7550, 24.7708, -58.5441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 229, 255) }
```

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

```
.background{ background-color: rgb(138,  
229, 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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