

Converting Colors

YUV(204.6080, 24.3503,
-63.6772)

Have a look what the booklet for
YUV(204.6080, 24.3503, -63.6772)
contains.

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Color

**YUV(204.6080, 24.3503,
-63.6772)**

Conversions

Conversions Part 1

Format	Color
Hex	84E8FE
RGB	132, 232, 254
RGB Percent	52%, 91%, 100%
CMY	0.4824, 0.0902, 0.0039
CMYK	0.48, 0.09, 0.00, 0.00
HSL	191°, 98%, 76%
HSV	191°, 48%, 100%
XYZ	56.2617, 69.7745, 104.2685
YIQ	204.6080, -66.6620, -14.3580

Conversions

Conversions Part 2

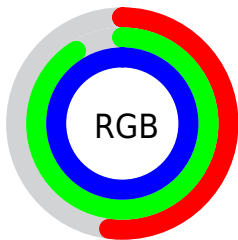
Format	Color
R_{YB}	132, 187, 254
Decimal	8710398
CIE _{Lab}	86.89, -23.66, -19.74
CIE _{LCh}	87, 30.813, 219.849
Yxy	69.7745, 0.2443, 0.3030
Android (android.graphics.Color)	4286900478 (0xFF84E8FE)
YUV	204.6080, 24.3503, -63.6772
Hunter-Lab	83.5311, -25.9523, -15.5374

Details

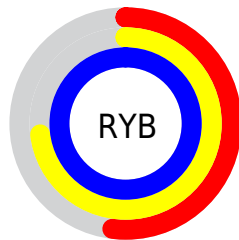
The YUV color **204.6080, 24.3503, -63.6772** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **181.3920, -24.3503, 63.6772**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.8640, 9.4340, -39.3457**, and **146.7000, 24.7979, -67.2659** is the 20% darker color. If you saturate the color by 10%, you get **194.1980, 29.4824, -76.4726**, and if you desaturate by 10%, it is **215.0180, 19.2181, -50.8818**.

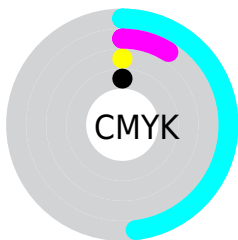
Distribution



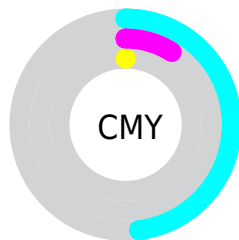
- Red (52%)
- Green (91%)
- Blue (100%)



- Red (52%)
- Yellow (73%)
- Blue (100%)



- Cyan (48%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.6080, 24.3503, -63.6772 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 204.6080, 24.3503, -63.6772 by changing the saturation by 10% instead.

204.6080, 24.3503,
-63.6772

204.6080, 24.3503,
-63.6772

255.0000, 0.0000,
0.0000

175.8960, 24.2083,
-64.8068

235.8640, 9.4340,
-39.3457

146.7000, 24.7979,
-67.2659

244.8340, 5.0118,
-20.9024

116.4110, 26.4194,
-74.0284

253.8040, 0.5896,
-2.4591

88.6170, 27.3038,
-77.7171

70.9780, 23.1818,
-62.2477

54.0400, 19.2073,
-47.3931

37.8030, 15.3801,

-33.1532

■ 23.5550, 11.5584,
-20.6577

■ 3.5510, 11.0674,
-3.1142

■ 204.6080, 24.3503,
-63.6772

■ 204.6080, 24.3503,
-63.6772

■ 194.1980, 29.4824,
-76.4726

■ 215.0180, 19.2181,
-50.8818

■ 184.0760, 34.4725,
-90.3977

■ 225.1400, 14.2280,
-36.9568

■ 173.6660, 39.6047,
-103.1931

■ 235.5500, 9.0959,
-24.1613

■ 163.5440, 44.5948,
-117.1181

■ 245.6720, 4.1057,
-10.2363

■ 153.1340, 49.7269, 254.8860, -0.4368,
-129.9135 0.1000

■ 151.0520, 50.7534,
-132.4726

Harmonies

Analogous

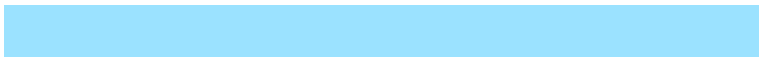
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



204.0850, 10.8041, -58.8335



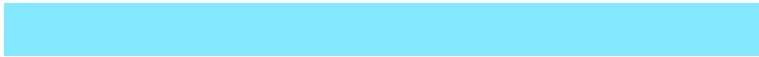
204.6080, 24.3503, -63.6772



208.0770, 23.1330, -46.5485

Triad

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



204.6080, 24.3503, -63.6772



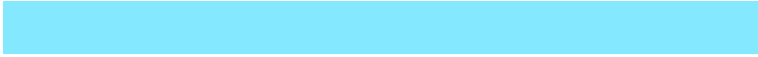
220.1900, 8.7803, 30.5284



215.2640, -27.2452, 12.0465

Complementary

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



204.6080, 24.3503, -63.6772



181.3920, -24.3503, 63.6772

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.



217.5100, -26.8734, 32.8787



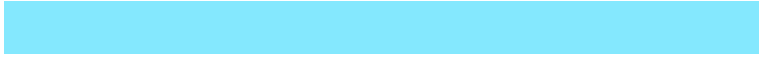
204.6080, 24.3503, -63.6772



215.1230, -3.0186, 34.9721

Square

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



204.6080, 24.3503, -63.6772



220.5450, 16.9863, 11.8000



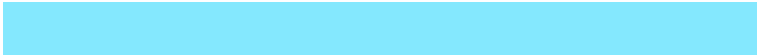
214.2790, -16.4065, 35.7123



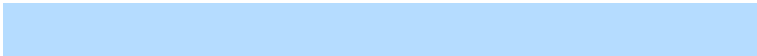
211.7600, -19.6017, -12.9445

Rectangle

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



204.6080, 24.3503, -63.6772



212.3290, 21.0368, -27.4755



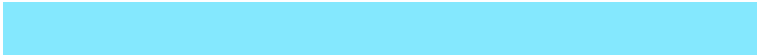
214.2790, -16.4065, 35.7123



216.3790, -28.2878, 19.8386

Sweetspot

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



204.6080, 24.3503, -63.6772



240.7140, 7.0430, -19.0432



205.8940, -26.5697, -64.8050



119.0740, 4.4005, -11.4659



0.0000, 0.0000, 0.0000



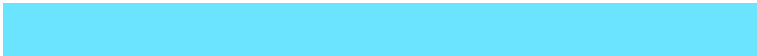
128.0000, 0.0000, 0.0000

Same Dimension

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



204.6080, 24.3503, -63.6772



194.8990, 29.6298, -77.0874



169.9750, 41.4243, -33.3041



122.3520, 2.7845, -6.4477



113.9330, 37.9940, -99.9192



37.8200, 12.9067, -33.1681

Inverse Universe

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



179.8780, 25.6961, 65.0050



165.0460, 31.0363, 78.8897



216.0250, -41.4243, 33.3041



120.0270, 2.4517, 6.9923



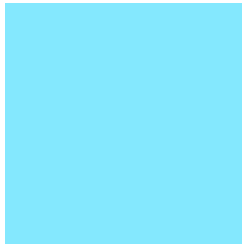
75.0070, 40.4225, 101.7259



25.0640, 13.2794, 34.1469

Previews

White Background



This preview shows how the YUV color 204.6080, 24.3503, -63.6772 looks on a white background.

Color Contrast Check

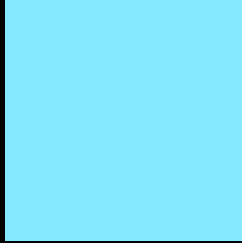
Large Text (above 18pt) WCAG AA × Fail

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 204.6080, 24.3503, -63.6772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

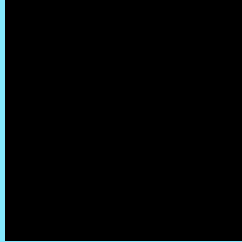
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.6080, 24.3503, -63.6772

Background



This preview shows how black text looks on a background with the YUV color 204.6080, 24.3503, -63.6772.



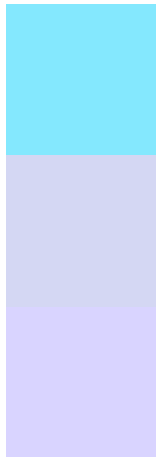
This preview shows how white text looks on a background with the YUV color 204.6080, 24.3503, -63.6772.

-63.6772.

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

204.6080, 24.3503, -63.6772

Protanopia

217.2950, 12.6726, -4.6437

Deuteranopia

218.3970, 18.0453, -1.2252



Tritanopia

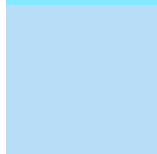
203.9670, 23.1873, -63.9921

Trichromacy



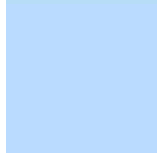
Original Color

204.6080, 24.3503, -63.6772



Protanomaly

212.6020, 16.9582, -25.9610



Deuteranomaly

213.2370, 20.5892, -23.8868



Tritanomaly

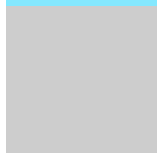
204.0810, 23.6241, -64.0920

Monochromacy



Original Color

204.6080, 24.3503, -63.6772



Achromatopsia

205.0000, 0.0000, 0.0000



Achromatomaly

204.8490, 8.9484, -23.5466

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.6080, 24.3503, -63.6772 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(132, 232, 254)` looks like.

```
.text, #text, p{  
    color:rgb(132, 232, 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(132, 232, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 232, 254) }
```

Border

The CSS property to change the border of an element to YUV 204.6080, 24.3503, -63.6772 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(132, 232, 254) }
```


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

```
.border{ border-color:rgb(132, 232, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 232, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 232, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 232, 254);  
box-shadow:4px 4px 4px 4px rgb(132, 232,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 204.6080, 24.3503, -63.6772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 232, 254) }
```

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

```
.background{ background-color: rgb(132,  
232, 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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