

Converting Colors

YUV(208.2150, 10.2470,
-66.8406)

Have a look what the booklet for
YUV(208.2150, 10.2470, -66.8406)
contains.

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Color

**YUV(208.2150, 10.2470,
-66.8406)**

Conversions

Conversions Part 1

Format	Color
Hex	84F3E5
RGB	132, 243, 229
RGB Percent	52%, 95%, 90%
CMY	0.4824, 0.0471, 0.1020
CMYK	0.46, 0.00, 0.06, 0.05
HSL	172°, 82%, 74%
HSV	172°, 46%, 95%
XYZ	55.7092, 74.6639, 85.6041
YIQ	208.2150, -61.6620, -27.8860

Conversions

Conversions Part 2

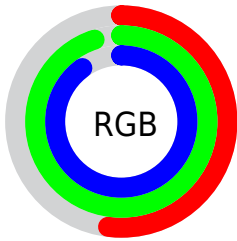
Format	Color
R_{YB}	132, 191, 243
Decimal	8713189
CIE Lab	89.24, -35.16, -3.15
CIE LCh	89, 35.302, 185.119
Yxy	74.6639, 0.2579, 0.3457
Android (android.graphics.Color)	4286903269 (0xFF84F3E5)
YUV	208.2150, 10.2470, -66.8406
Hunter-Lab	86.4083, -36.1318, 1.7475

Details

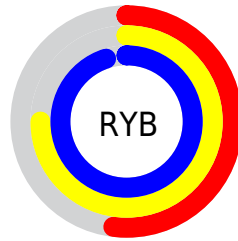
The YUV color **208.2150, 10.2470, -66.8406** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **166.7850, -10.2470, 66.8406**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.8640, 9.4340, -39.3457**, and **150.5460, 11.5628, -68.8848** is the 20% darker color. If you saturate the color by 10%, you get **200.6970, 12.4744, -81.2953**, and if you desaturate by 10%, it is **215.7330, 8.0196, -52.3858**.

Distribution



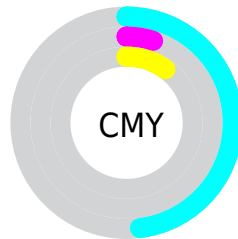
- Red (52%)
- Green (95%)
- Blue (90%)



- Red (52%)
- Yellow (75%)
- Blue (95%)



- Cyan (46%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (48%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.2150, 10.2470, -66.8406 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 208.2150, 10.2470, -66.8406 by changing the saturation by 10% instead.

208.2150, 10.2470,
-66.8406

208.2150, 10.2470,
-66.8406

255.0000, 0.0000,
0.0000

179.0300, 10.8312,
-67.5553

235.8640, 9.4340,
-39.3457

150.5460, 11.5628,
-68.8848

244.5350, 5.1592,
-21.5172

120.5560, 13.0369,
-75.0326

253.5050, 0.7370,
-3.0739

91.8650, 14.3636,
-80.5656

73.8670, 11.4046,
-64.7814

56.4560, 8.1562,
-49.5119

39.7460, 5.0552,

-34.8572

■ 25.0250, 1.9597,
-21.9469

■ 0.4560, 1.7472,
-0.3999

■ 208.2150, 10.2470,
-66.8406

■ 208.2150, 10.2470,
-66.8406

■ 200.6970, 12.4744,
-81.2953

■ 215.7330, 8.0196,
-52.3858

■ 192.8800, 14.8492,
-96.3648

■ 223.5500, 5.6449,
-37.3163

■ 185.3620, 17.0765,
-110.8195

■ 231.0680, 3.4175,
-22.8616

■ 177.8440, 19.3039,
-125.2742

■ 238.5860, 1.1901,
-8.4069

■ 170.0270, 21.6787,
-140.3437

■ 246.1040, -1.0373,
6.0478

■ 166.8090, 22.2792,
-146.2915

■ 247.0440, -0.0217,
6.9774

■ 247.3860, 1.2887,
6.6775

■ 247.8420, 3.0359,
6.2776

■ 247.9560, 3.4727,
6.1776

Harmonies

Analogous

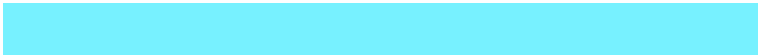
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213.0430, -8.8952, -40.3797



208.2150, 10.2470, -66.8406



206.1180, 24.0988, -76.4025

Triad

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



208.2150, 10.2470, -66.8406



225.5510, 14.5184, 10.0408



219.9720, -27.5942, 30.7196

Complementary

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



208.2150, 10.2470, -66.8406



166.7850, -10.2470, 66.8406

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.



216.7240, -14.6539, 33.5681



208.2150, 10.2470, -66.8406



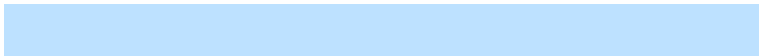
224.2480, 14.1747, 26.9695

Square

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



208.2150, 10.2470, -66.8406



217.6560, 18.4106, -25.1313



218.1380, 0.9180, 32.3280



221.7440, -31.9188, 17.7645

Rectangle

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



208.2150, 10.2470, -66.8406



207.9450, 23.1981, -67.4808



218.1380, 0.9180, 32.3280



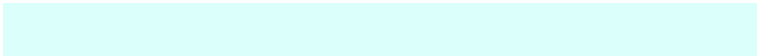
218.3080, -23.8158, 32.1789

Sweetspot

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



208.2150, 10.2470, -66.8406



243.6660, 3.1227, -21.6321



201.6420, -34.3335, -47.9210



121.0800, 1.9326, -13.2252



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.



208.2150, 10.2470, -66.8406



211.0880, 12.7746, -84.2692



185.7440, 28.2272, -47.1335



118.2980, 1.3321, -7.2773



127.7640, 17.3713, -112.0490



40.4470, 5.2026, -35.4720

Inverse Universe

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



166.7850, -10.2470, 66.8406



158.7980, -13.2114, 84.3692



189.2560, -28.2272, 47.1335



113.8160, -0.8953, 7.1774



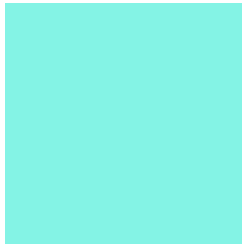
58.2360, -17.3713, 112.0490



18.4390, -5.6394, 35.5720

Previews

White Background



This preview shows how the YUV color 208.2150, 10.2470, -66.8406 looks on a white background.

Color Contrast Check

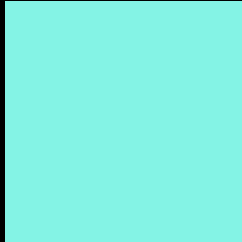
Large Text (above 18pt) WCAG AA × Fail

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 208.2150, 10.2470, -66.8406 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 208.2150, 10.2470, -66.8406

Background



This preview shows how black text looks on a background with the YUV color 208.2150, 10.2470, -66.8406.



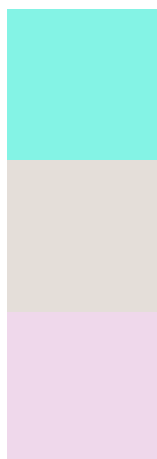
This preview shows how white text looks on a background with the YUV color 208.2150, 10.2470,

-66.8406.

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

208.2150, 10.2470, -66.8406

Protanopia

223.2240, -3.0684, 4.1886

Deuteranopia

225.0430, 4.9088, 12.2403



Tritanopia

213.0390, 20.6868, -55.2852

Trichromacy



Original Color

208.2150, 10.2470, -66.8406



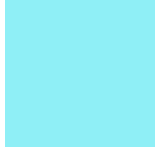
Protanomaly

217.9110, 1.5229, -21.8469



Deuteranomaly

219.0240, 6.8902, -16.6840



Tritanomaly

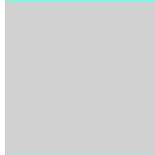
211.0940, 17.2087, -59.7184

Monochromacy



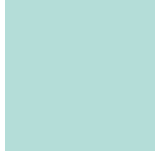
Original Color

208.2150, 10.2470, -66.8406



Achromatopsia

208.0000, 0.0000, 0.0000



Achromatomaly

208.1710, 3.8597, -24.7060

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.2150, 10.2470, -66.8406 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, 243, 229)` looks like.

```
.text, #text, p{  
    color:rgb(132, 243, 229)  
}
```

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, 243, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 243, 229) }
```

Border

The CSS property to change the border of an element to YUV 208.2150, 10.2470, -66.8406 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, 243, 229) }
```


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

```
.border{ border-color:rgb(132, 243, 229) }
```

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

Here you see how a box with a 4 pixel rgb(132, 243, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 243, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 243, 229);  
box-shadow:4px 4px 4px 4px rgb(132, 243,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 208.2150, 10.2470, -66.8406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 243, 229) }
```

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

```
.background{ background-color: rgb(132,  
243, 229) }
```

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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