

Converting Colors

YUV(207.1690, 20.1297,
-63.2922)

Have a look what the booklet for
YUV(207.1690, 20.1297, -63.2922)
contains.

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Color

**YUV(207.1690, 20.1297,
-63.2922)**

Conversions

Conversions Part 1

Format	Color
Hex	87ECF8
RGB	135, 236, 248
RGB Percent	53%, 93%, 97%
CMY	0.4706, 0.0745, 0.0275
CMYK	0.46, 0.05, 0.00, 0.03
HSL	186°, 89%, 75%
HSV	186°, 46%, 97%
XYZ	56.9304, 71.9191, 99.6882
YIQ	207.1690, -64.0480, -17.6800

Conversions

Conversions Part 2

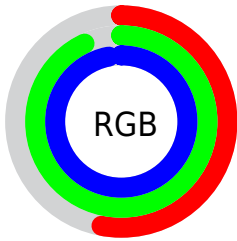
Format	Color
RYB	135, 188, 248
Decimal	8908024
CIELab	87.93, -26.50, -15.01
CIELCh	88, 30.456, 209.538
Yxy	71.9191, 0.2491, 0.3147
Android (android.graphics.Color)	4287098104 (0xFF87ECF8)
YUV	207.1690, 20.1297, -63.2922
Hunter-Lab	84.8051, -28.5804, -10.3316

Details

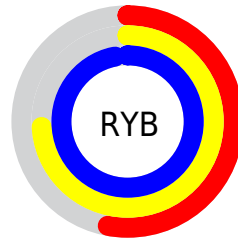
The YUV color **207.1690, 20.1297, -63.2922** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **175.8310, -20.1297, 63.2922**, and the grayscale version is **207.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7610, 8.9918, -37.5014**, and **149.9730, 20.7193, -65.7513** is the 20% darker color. If you saturate the color by 10%, you get **197.9330, 24.6830, -77.1172**, and if you desaturate by 10%, it is **216.4050, 15.5763, -49.4672**.

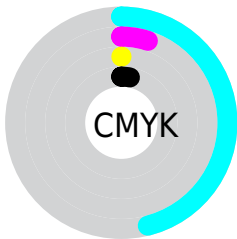
Distribution



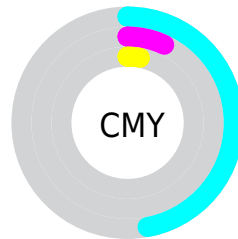
- Red (53%)
- Green (93%)
- Blue (97%)



- Red (53%)
- Yellow (74%)
- Blue (97%)



- Cyan (46%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)



- Cyan (47%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 207.1690, 20.1297, -63.2922 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 207.1690, 20.1297, -63.2922 by changing the saturation by 10% instead.

207.1690, 20.1297,
-63.2922

207.1690, 20.1297,
-63.2922

255.0000, 0.0000,
0.0000

178.4570, 19.9877,
-64.4218

236.7610, 8.9918,
-37.5014

149.9730, 20.7193,
-65.7513

245.7310, 4.5696,
-19.0581

120.2820, 22.0460,
-71.2843

254.7010, 0.1474,
-0.6148

90.2810, 23.5255,
-79.1764

72.1690, 20.1297,
-63.2922

55.2310, 16.1551,
-48.4376

39.1080, 12.7648,

-34.2977

■ 24.8600, 8.9430,
-21.8022

■ 3.2090, 9.7570,
-2.8143

■ 207.1690, 20.1297,
-63.2922

■ 207.1690, 20.1297,
-63.2922

■ 197.9330, 24.6830,
-77.1172

■ 216.4050, 15.5763,
-49.4672

■ 189.2840, 28.9470,
-91.4571

■ 225.0540, 11.3124,
-35.1274

■ 180.3470, 33.3529,
-104.6673

■ 233.9910, 6.9064,
-21.9171

■ 171.1110, 37.9063,
-118.4923

■ 243.2270, 2.3531,
-8.0921

■ 162.4620, 42.1702,
-132.8322

■ 250.6800, -1.3212,
3.7886

■ 158.5860, 44.0811,
-139.0799

■ 252.4410, -2.1894,
2.2442

■ 253.6150, -2.7682,
1.2146

■ 254.2020, -3.0576,
0.6998

Harmonies

Analogous

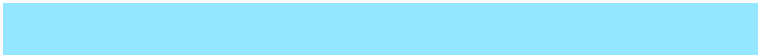
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208.6360, 5.1095, -52.3008



207.1690, 20.1297, -63.2922



209.2180, 22.5705, -52.8112

Triad

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



207.1690, 20.1297, -63.2922



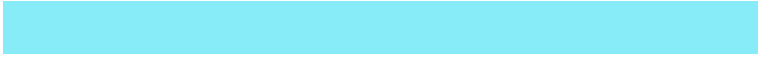
224.4930, 12.5750, 26.7546



218.9060, -27.5617, 20.2534

Complementary

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



207.1690, 20.1297, -63.2922



175.8310, -20.1297, 63.2922

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.



218.5360, -22.9422, 31.9789



207.1690, 20.1297, -63.2922



218.9530, 1.5022, 31.6132

Square

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



207.1690, 20.1297, -63.2922



221.3760, 16.5766, 3.1782



216.2340, -11.4544, 33.9978



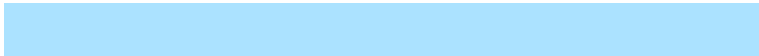
215.7180, -22.5390, -4.1377

Rectangle

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



207.1690, 20.1297, -63.2922



212.8610, 20.7745, -36.7121



216.2340, -11.4544, 33.9978



219.9500, -27.5833, 27.2309

Sweetspot

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



207.1690, 20.1297, -63.2922



241.8880, 6.4642, -20.0728



202.5850, -27.8964, -59.2720



119.6610, 4.1111, -11.9807



0.0000, 0.0000, 0.0000



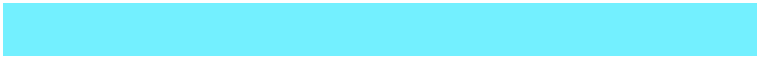
128.0000, 0.0000, 0.0000

Same Dimension

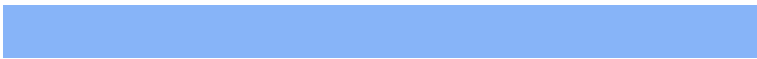
The Same Dimension uses a secret algorithm to generate beautiful new colors.



207.1690, 20.1297, -63.2922



204.3350, 24.9778, -78.3468



174.2970, 36.3356, -34.4635



120.5260, 2.2057, -7.4773



120.7490, 33.6477, -105.8969



39.2390, 10.7282, -34.4126

Inverse Universe

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



180.3010, 27.4596, 59.3720



171.1100, 33.9628, 73.5715



208.7030, -36.3356, 34.4635



117.2550, 3.3253, 6.7924



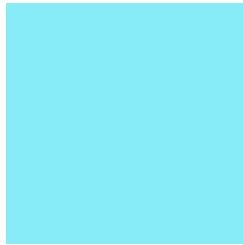
75.7770, 45.9589, 99.2966



24.5090, 15.0321, 32.0026

Previews

White Background



This preview shows how the YUV color 207.1690, 20.1297, -63.2922 looks on a white background.

Color Contrast Check

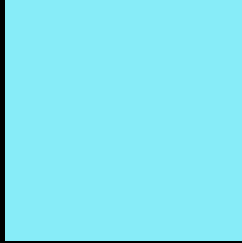
Large Text (above 18pt) WCAG AA × Fail

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 207.1690, 20.1297, -63.2922 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 207.1690, 20.1297, -63.2922

Background



This preview shows how black text looks on a background with the YUV color 207.1690, 20.1297, -63.2922.



This preview shows how white text looks on a background with the YUV color 207.1690, 20.1297, -63.2922.

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

207.1690, 20.1297, -63.2922

Protanopia

220.1660, 8.2992, -1.8996

Deuteranopia

221.7350, 15.4136, 2.8634



Tritanopia

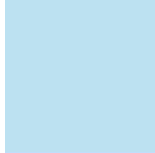
207.8640, 22.7450, -62.1477

Trichromacy



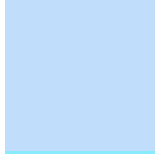
Original Color

207.1690, 20.1297, -63.2922



Protanomaly

215.7610, 12.4428, -24.3464



Deuteranomaly

216.3360, 17.0894, -21.3427



Tritanomaly

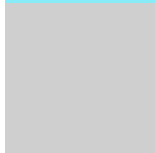
207.3370, 22.0189, -62.5625

Monochromacy



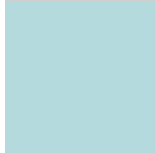
Original Color

207.1690, 20.1297, -63.2922



Achromatopsia

207.0000, 0.0000, 0.0000



Achromatomaly

207.3930, 7.2013, -23.1467

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.1690, 20.1297, -63.2922 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(135, 236, 248)` looks like.

```
.text, #text, p{  
    color:rgb(135, 236, 248)  
}
```

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(135, 236, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 236, 248) }
```

Border

The CSS property to change the border of an element to YUV 207.1690, 20.1297, -63.2922 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(135, 236, 248) }
```


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

```
.border{ border-color:rgb(135, 236, 248) }
```

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

Here you see how a box with a 4 pixel rgb(135, 236, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 236, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 236, 248);  
box-shadow:4px 4px 4px 4px rgb(135, 236,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 207.1690, 20.1297, -63.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 236, 248) }
```

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

```
.background{ background-color: rgb(135,  
236, 248) }
```

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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