

Converting Colors

YUV(197.6630, 20.8721,
-68.1105)

Have a look what the booklet for
YUV(197.6630, 20.8721, -68.1105)
contains.

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Color

**YUV(197.6630, 20.8721,
-68.1105)**

Conversions

Conversions Part 1

Format	Color
Hex	78E5F0
RGB	120, 229, 240
RGB Percent	47%, 90%, 94%
CMY	0.5294, 0.1020, 0.0588
CMYK	0.50, 0.05, 0.00, 0.06
HSL	186°, 80%, 71%
HSV	186°, 50%, 94%
XYZ	51.4932, 66.3230, 92.5257
YIQ	197.6630, -68.4950, -19.6870

Conversions

Conversions Part 2

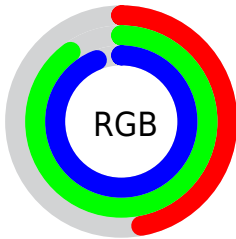
Format	Color
R_{YB}	120, 177, 240
Decimal	7923184
CIE _{Lab}	85.16, -28.43, -15.02
CIE _{LCh}	85, 32.156, 207.848
Yxy	66.3230, 0.2448, 0.3153
Android (android.graphics.Color)	4286113264 (0xFF78E5F0)
YUV	197.6630, 20.8721, -68.1105
Hunter-Lab	81.4389, -29.6539, -10.3543

Details

The YUV color **197.6630, 20.8721, -68.1105** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **162.3370, -20.8721, 68.1105**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.5750, 11.0555, -46.1083**, and **139.2710, 22.0514, -73.0287** is the 20% darker color. If you saturate the color by 10%, you get **189.3130, 24.9887, -81.8355**, and if you desaturate by 10%, it is **206.0130, 16.7556, -54.3854**.

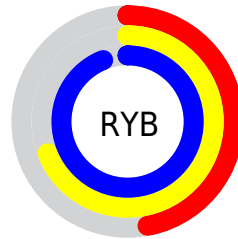
Distribution



Red (47%)

Green (90%)

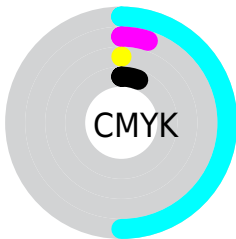
Blue (94%)



Red (47%)

Yellow (69%)

Blue (94%)

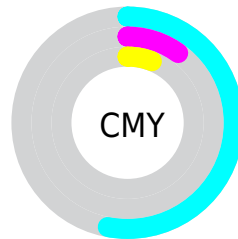


Cyan (50%)

Magenta (5%)

Yellow (0%)

Black (6%)



Cyan (53%)

Magenta (10%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.6630, 20.8721, -68.1105 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 197.6630, 20.8721, -68.1105 by changing the saturation by 10% instead.

197.6630, 20.8721,
-68.1105

197.6630, 20.8721,
-68.1105

255.0000, 0.0000,
0.0000

168.7660, 21.3144,
-69.9548

232.5750, 11.0555,
-46.1083

139.2710, 22.0514,
-73.0287

241.2460, 6.7807,
-28.2797

103.6000, 26.3262,
-90.8572

250.2160, 2.3585,
-9.8364

85.3740, 22.4936,
-74.8730

67.8490, 18.8084,
-59.5036

51.0250, 15.2707,
-44.7489

34.9020, 11.8803,

-30.6091

■ 20.6540, 8.0586,
-18.1136

■ 2.2970, 6.2626,
-2.0145

■ 197.6630, 20.8721,
-68.1105

■ 197.6630, 20.8721,
-68.1105

■ 189.3130, 24.9887,
-81.8355

■ 206.0130, 16.7556,
-54.3854

■ 180.9630, 29.1052,
-95.5606

■ 214.3630, 12.6390,
-40.6604

■ 172.0260, 33.5112,
-108.7708

■ 223.3000, 8.2331,
-27.4501

■ 163.6760, 37.6277,
-122.4959

■ 231.6500, 4.1166,
-13.7250

■ 155.3260, 41.7443,
-136.2209

■ 240.0000, 0.0000,
0.0000

■ 245.6590, -2.7899,
8.1921

■ 246.8330, -3.3687,
7.1625

■ 248.5940, -4.2368,
5.6181

■ 249.7680, -4.8156,
4.5885

Harmonies

Analogous

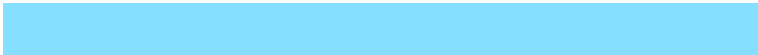
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



199.7990, 4.5361, -55.0747



197.6630, 20.8721, -68.1105



200.3250, 26.9548, -59.0440

Triad

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



197.6630, 20.8721, -68.1105



217.8460, 13.8799, 28.1991



211.4610, -29.3143, 22.3977

Complementary

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



197.6630, 20.8721, -68.1105



162.3370, -20.8721, 68.1105

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.



212.1130, -24.7057, 37.6119



197.6630, 20.8721, -68.1105



212.9860, 1.4859, 36.8463

Square

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



197.6630, 20.8721, -68.1105



213.9780, 20.2238, 0.0193



210.1530, -11.9074, 39.3308



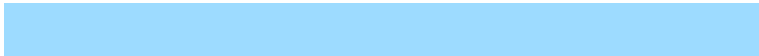
207.8600, -24.5810, -2.5082

Rectangle

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



197.6630, 20.8721, -68.1105



204.5660, 24.8640, -41.7154



210.1530, -11.9074, 39.3308



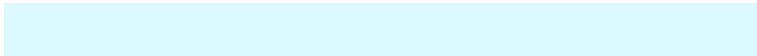
212.6190, -28.8992, 29.2751

Sweetspot

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



197.6630, 20.8721, -68.1105



241.2900, 6.7590, -21.3023



191.5800, -30.3589, -62.7757



119.3620, 4.2585, -12.5955



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.



197.6630, 20.8721, -68.1105



201.0350, 26.6047, -86.8537



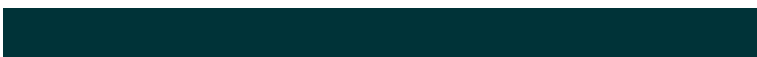
163.0300, 37.9462, -37.7373



115.8250, 2.0583, -6.8625



119.0050, 32.0425, -104.3674



36.3210, 9.7017, -31.8535

Inverse Universe

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



168.3060, 29.9221, 62.8756



163.5930, 38.1617, 80.1639



196.9700, -37.9462, 37.7373



112.8420, 3.0359, 6.2776



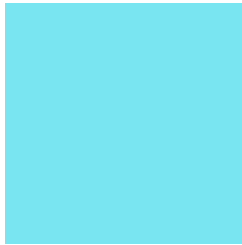
74.0540, 45.8224, 96.4226



22.5580, 14.0219, 29.3286

Previews

White Background



This preview shows how the YUV color 197.6630, 20.8721, -68.1105 looks on a white background.

Color Contrast Check

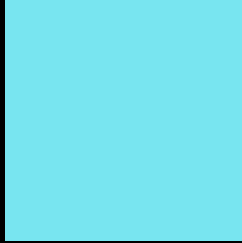
Large Text (above 18pt) WCAG AA × Fail

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 197.6630, 20.8721, -68.1105 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 197.6630, 20.8721, -68.1105

Background



This preview shows how black text looks on a background with the YUV color 197.6630, 20.8721, -68.1105.



This preview shows how white text looks on a background with the YUV color 197.6630, 20.8721, -68.1105.

-68.1105.

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

197.6630, 20.8721, -68.1105

Protanopia

212.0520, 7.8624, -1.7996

Deuteranopia

213.4360, 15.5611, 2.2486



Tritanopia

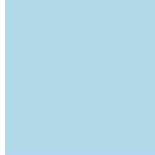
198.3580, 23.4875, -66.9660

Trichromacy



Original Color

197.6630, 20.8721, -68.1105



Protanomaly

206.7500, 12.4482, -26.0907



Deuteranomaly

207.4390, 17.5316, -23.1870



Tritanomaly

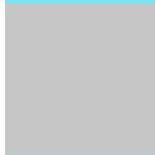
197.8310, 22.7613, -67.3808

Monochromacy



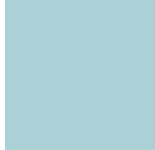
Original Color

197.6630, 20.8721, -68.1105



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

197.7950, 7.4961, -24.3762

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.6630, 20.8721, -68.1105 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(120, 229, 240)` looks like.

```
.text, #text, p{  
    color:rgb(120, 229, 240)  
}
```

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(120, 229, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 229, 240) }
```

Border

The CSS property to change the border of an element to YUV 197.6630, 20.8721, -68.1105 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(120, 229, 240) }
```


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

```
.border{ border-color:rgb(120, 229, 240) }
```

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

Here you see how a box with a 4 pixel rgb(120, 229, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 229, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 229, 240);  
box-shadow:4px 4px 4px 4px rgb(120, 229,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 197.6630, 20.8721, -68.1105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 229, 240) }
```

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

```
.background{ background-color: rgb(120,  
229, 240) }
```

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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