

Converting Colors

YUV(189.0610, 20.6759,
-51.7965)

Have a look what the booklet for
YUV(189.0610, 20.6759, -51.7965)
contains.

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Color

**YUV(189.0610, 20.6759,
-51.7965)**

Conversions

Conversions Part 1

Format	Color
Hex	82D3E7
RGB	130, 211, 231
RGB Percent	51%, 83%, 91%
CMY	0.4902, 0.1725, 0.0941
CMYK	0.44, 0.09, 0.00, 0.09
HSL	192°, 68%, 71%
HSV	192°, 44%, 91%
XYZ	46.9240, 57.1039, 84.1503
YIQ	189.0610, -54.6960, -10.9520

Conversions

Conversions Part 2

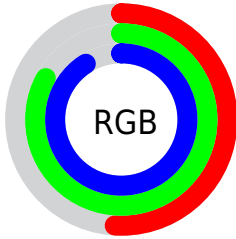
Format	Color
RYB	130, 175, 231
Decimal	8573927
CIELab	80.24, -19.64, -17.61
CIELCh	80, 26.383, 221.877
Yxy	57.1039, 0.2494, 0.3035
Android (android.graphics.Color)	4286764007 (0xFF82D3E7)
YUV	189.0610, 20.6759, -51.7965
Hunter-Lab	75.5671, -21.4015, -13.1274

Details

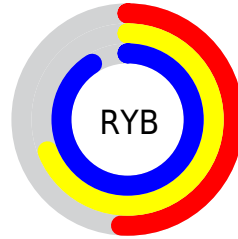
The YUV color $189.0610, 20.6759, -51.7965$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $171.9390, -20.6759, 51.7965$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.6680, 10.0237, -41.8048$, and $133.0500, 20.6814, -53.5408$ is the 20% darker color. If you saturate the color by 10%, you get $179.2490, 25.5132, -63.3624$, and if you desaturate by 10%, it is $198.8730, 15.8386, -40.2306$.

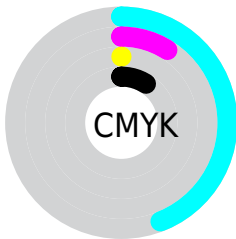
Distribution



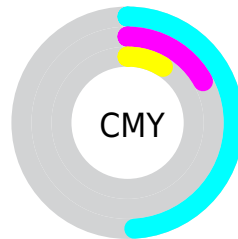
- Red (51%)
- Green (83%)
- Blue (91%)



- Red (51%)
- Yellow (69%)
- Blue (91%)



- Cyan (44%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (49%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.0610, 20.6759, -51.7965 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 189.0610, 20.6759, -51.7965 by changing the saturation by 10% instead.

■ 189.0610, 20.6759,
-51.7965

■ 189.0610, 20.6759,
-51.7965

255.0000, 0.0000,
0.0000

■ 161.0610, 20.6759,
-51.7965

■ 234.6680, 10.0237,
-41.8048

■ 133.0500, 20.6814,
-53.5408

■ 243.3390, 5.7489,
-23.9763

■ 105.2560, 21.5658,
-57.2295

■ 252.3090, 1.3267,
-5.5330

■ 75.6570, 23.3401,
-66.3512

■ 58.7190, 19.3655,
-51.4966

■ 41.8950, 15.8278,
-36.7419

■ 26.9460, 11.8586,

-23.6316

■ 5.2950, 12.6726,
-4.6437

■ 0.2280, 0.8736,
-0.2000

■ 189.0610, 20.6759,
-51.7965

■ 189.0610, 20.6759,
-51.7965

■ 179.2490, 25.5132,
-63.3624

■ 198.8730, 15.8386,
-40.2306

■ 170.0240, 30.0612,
-75.4430

■ 208.0980, 11.2907,
-28.1499

■ 160.2120, 34.8985,
-87.0089

■ 217.9100, 6.4534,
-16.5841

■ 150.9870, 39.4464,
-99.0896

■ 227.1350, 1.9054,
-4.5034

■ 140.8760, 44.4311,
-111.2703

■ 237.2460, -3.0793,
7.6773

■ 134.9290, 47.3630,
-118.3327

■ 242.2850, -5.5635,
11.1511

■ 245.2200, -7.0105,
8.5771

■ 248.1550, -8.4574,
6.0031

■ 250.5030, -9.6150,
3.9439

Harmonies

Analogous

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



188.2110, 9.7560, -49.2970



189.0610, 20.6759, -51.7965



193.7020, 25.2899, -38.3267

Triad

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



189.0610, 20.6759, -51.7965



203.3920, 5.7227, 31.2282



197.0940, -22.7243, 8.6876

Complementary

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



189.0610, 20.6759, -51.7965



171.9390, -20.6759, 51.7965

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.



199.2150, -22.7840, 27.8754



189.0610, 20.6759, -51.7965



202.3580, -6.0925, 40.9050

Square

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



189.0610, 20.6759, -51.7965



202.1320, 16.6969, 11.2852



201.1870, -16.8542, 39.3010



193.7970, -15.6759, -12.1000

Rectangle

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



189.0610, 20.6759, -51.7965



197.3880, 24.9517, -23.1423



201.1870, -16.8542, 39.3010



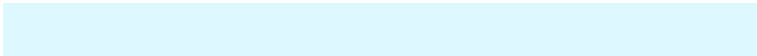
197.9100, -23.6196, 15.8649

Sweetspot

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



189.0610, 20.6759, -51.7965



241.0240, 6.8902, -16.6840



191.4530, -20.9293, -53.8943



118.7860, 4.5425, -10.3363



0.0000, 0.0000, 0.0000



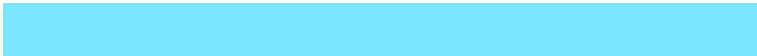
128.0000, 0.0000, 0.0000

Same Dimension

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



189.0610, 20.6759, -51.7965



199.9710, 27.1293, -68.3806



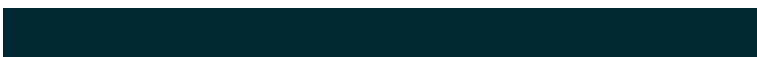
160.2980, 34.8561, -26.5713



109.6510, 2.6371, -5.8329



104.3470, 36.8039, -91.5123



29.8810, 10.4117, -26.2056

Inverse Universe

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



169.4330, 20.4925, 53.9943



173.9650, 27.1323, 71.0677



200.7020, -34.8561, 26.5713



107.6140, 2.1623, 6.4775



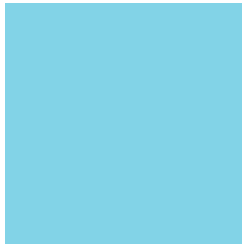
69.8230, 36.0763, 95.7482



19.9230, 10.3910, 27.2545

Previews

White Background



This preview shows how the YUV color 189.0610, 20.6759, -51.7965 looks on a white background.

Color Contrast Check

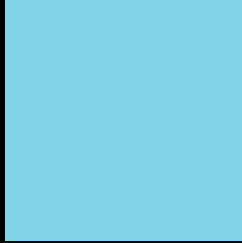
Large Text (above 18pt) WCAG AA × Fail

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 189.0610, 20.6759, -51.7965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

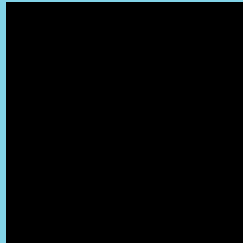
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.0610, 20.6759, -51.7965

Background



This preview shows how black text looks on a background with the YUV color 189.0610, 20.6759, -51.7965.



This preview shows how white text looks on a background with the YUV color 189.0610, 20.6759, -51.7965.

-51.7965.

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

189.0610, 20.6759, -51.7965

Protanopia

199.2520, 11.2148, -3.7290

Deuteranopia

199.5820, 17.4611, -0.5104



Tritanopia

188.4200, 19.5129, -52.1113

Trichromacy



Original Color

189.0610, 20.6759, -51.7965

Protanomaly

195.3530, 14.6160, -21.3576

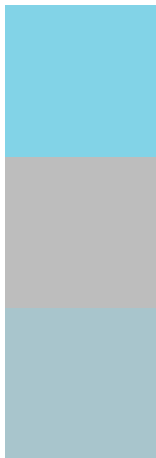
Deuteranomaly

196.1020, 18.6837, -19.3835

Tritanomaly

188.5340, 19.9497, -52.2113

Monochromacy



Original Color

189.0610, 20.6759, -51.7965

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.1270, 7.3324, -18.5284

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.0610, 20.6759, -51.7965 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(130, 211, 231)` looks like.

```
.text, #text, p{  
    color:rgb(130, 211, 231)  
}
```

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(130, 211, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 211, 231) }
```

Border

The CSS property to change the border of an element to YUV 189.0610, 20.6759, -51.7965 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(130, 211, 231) }
```


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

```
.border{ border-color:rgb(130, 211, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 211, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 211, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 211, 231);  
box-shadow:4px 4px 4px 4px rgb(130, 211,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 189.0610, 20.6759, -51.7965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 211, 231) }
```

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

```
.background{ background-color: rgb(130,  
211, 231) }
```

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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