

Converting Colors

YUV(186.9050, 23.7108,
-92.0017)

Have a look what the booklet for
YUV(186.9050, 23.7108, -92.0017)
contains.

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Color

**YUV(186.9050, 23.7108,
-92.0017)**

Conversions

Conversions Part 1

Format	Color
Hex	52E7EB
RGB	82, 231, 235
RGB Percent	32%, 91%, 92%
CMY	0.6784, 0.0941, 0.0784
CMYK	0.65, 0.02, 0.00, 0.08
HSL	182°, 79%, 62%
HSV	182°, 65%, 92%
XYZ	47.0510, 64.9438, 88.6528
YIQ	186.9050, -90.0880, -30.3440

Conversions

Conversions Part 2

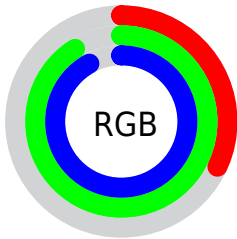
Format	Color
RYB	82, 157, 235
Decimal	5433323
CIELab	84.45, -37.46, -13.56
CIELCh	84, 39.842, 199.895
Yxy	64.9438, 0.2345, 0.3237
Android (android.graphics.Color)	4283623403 (0xFF52E7EB)
YUV	186.9050, 23.7108, -92.0017
Hunter-Lab	80.5877, -36.8117, -8.8122

Details

The YUV color **186.9050, 23.7108, -92.0017** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **130.0950, -23.7108, 92.0017**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3060, 15.6251, -65.1664**, and **123.1310, 27.5434, -107.9859** is the 20% darker color. If you saturate the color by 10%, you get **179.1420, 27.5380, -106.2415**, and if you desaturate by 10%, it is **194.6680, 19.8837, -77.7618**.

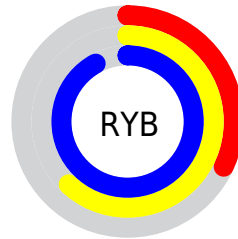
Distribution



Red (32%)

Green (91%)

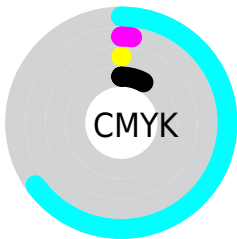
Blue (92%)



Red (32%)

Yellow (62%)

Blue (92%)

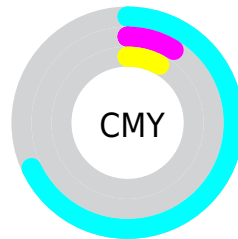


Cyan (65%)

Magenta (2%)

Yellow (0%)

Black (8%)



Cyan (68%)

Magenta (9%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.9050, 23.7108, -92.0017 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 186.9050, 23.7108, -92.0017 by changing the saturation by 10% instead.

186.9050, 23.7108,
-92.0017

186.9050, 23.7108,
-92.0017

255.0000, 0.0000,
0.0000

154.1210, 26.0693,
-101.8381

223.3060, 15.6251,
-65.1664

123.1310, 27.5434,
-107.9859

232.5750, 11.0555,
-46.1083

104.3180, 24.0002,
-91.4869

241.8440, 6.4859,
-27.0502

86.0920, 20.1676,
-75.5027

251.1130, 1.9163,
-7.9921

67.9800, 16.7719,
-59.6185

51.1560, 13.2341,
-44.8638

34.4460, 10.1331,

-30.2091

■ 18.5510, 7.6164,
-16.2692

■ 1.1400, 4.3680,
-0.9998

■ 186.9050, 23.7108,
-92.0017

■ 186.9050, 23.7108,
-92.0017

■ 179.1420, 27.5380,
-106.2415

■ 194.6680, 19.8837,
-77.7618

■ 172.2650, 30.9284,
-120.3814

■ 201.5450, 16.4933,
-63.6220

■ 164.8010, 34.6081,
-134.0065

■ 209.3080, 12.6662,
-49.3821

■ 161.2130, 36.3770,
-141.3838

■ 216.1850, 9.2758,
-35.2422

■ 223.9480, 5.4486,
-21.0024

■ 231.4120, 1.7689,
-7.3773

■ 238.5880, -1.7689,
7.3773

■ 241.5670, -3.2375,
11.7807

■ 242.1540, -3.5269,
11.2659

Harmonies

Analogous

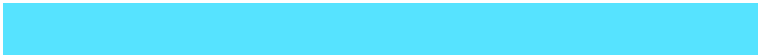
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



193.8320, 1.0688, -62.9967



186.9050, 23.7108, -92.0017



188.0330, 33.0147, -89.4829

Triad

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



186.9050, 23.7108, -92.0017



215.3280, 19.5583, 26.8993



209.5180, -35.7514, 33.7487

Complementary

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



186.9050, 23.7108, -92.0017



130.0950, -23.7108, 92.0017

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.



206.0320, -25.1588, 42.9449



186.9050, 23.7108, -92.0017



209.3160, 7.7322, 40.0649

Square

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



186.9050, 23.7108, -92.0017



208.8950, 22.7298, -10.4319



204.9840, -8.8661, 43.8640



205.7270, -32.8964, 4.6244

Rectangle

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



186.9050, 23.7108, -92.0017



194.9650, 29.5973, -66.6213



204.9840, -8.8661, 43.8640



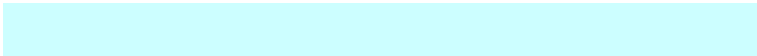
209.7190, -33.8785, 39.7114

Sweetspot

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



186.9050, 23.7108, -92.0017



239.1640, 7.8071, -30.8388



172.1530, -42.9664, -79.0642



118.1440, 4.8590, -18.5433



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.



186.9050, 23.7108, -92.0017



192.5640, 30.7809, -119.7666



142.8800, 45.4152, -53.3918



113.7110, 1.6215, -6.7625



123.9460, 28.1276, -108.7006



36.6800, 8.5388, -32.1684

Inverse Universe

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



144.7330, 42.5296, 79.1642



137.6170, 55.4048, 102.9449



174.1200, -45.4152, 53.3918



110.5430, 3.1833, 5.6628



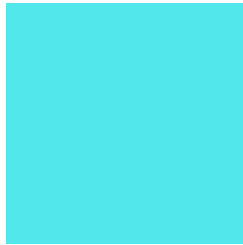
74.1830, 50.1958, 93.6785



22.0740, 14.7535, 27.9991

Previews

White Background



This preview shows how the YUV color 186.9050, 23.7108, -92.0017 looks on a white background.

Color Contrast Check

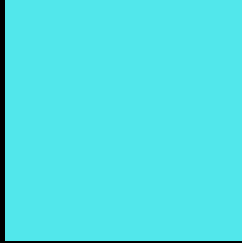
Large Text (above 18pt) WCAG AA × Fail

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 186.9050, 23.7108, -92.0017 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 186.9050, 23.7108, -92.0017 Background



This preview shows how black text looks on a background with the YUV color 186.9050, 23.7108, -92.0017.

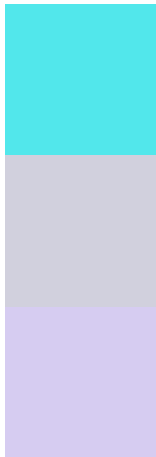


This preview shows how white text looks on a background with the YUV color 186.9050, 23.7108, -92.0017.

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

186.9050, 23.7108, -92.0017

Protanopia

209.7810, 5.5310, -0.6849

Deuteranopia

211.2080, 14.6875, 2.4486



Tritanopia

189.0070, 29.0835, -88.5831

Trichromacy



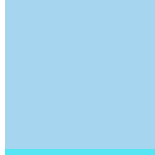
Original Color

186.9050, 23.7108, -92.0017



Protanomaly

201.2930, 12.1806, -33.5830



Deuteranomaly

202.4980, 17.9955, -32.0087



Tritanomaly

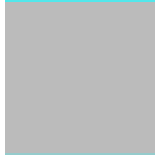
188.4260, 26.9050, -89.8276

Monochromacy



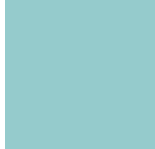
Original Color

186.9050, 23.7108, -92.0017



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

186.9680, 8.3968, -33.2979

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.9050, 23.7108, -92.0017 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(82, 231, 235)` looks like.

```
.text, #text, p{  
    color:rgb(82, 231, 235)  
}
```

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(82, 231, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 231, 235) }
```

Border

The CSS property to change the border of an element to YUV 186.9050, 23.7108, -92.0017 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(82, 231, 235) }
```


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

```
.border{ border-color:rgb(82, 231, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 231, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 231, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 231, 235);  
box-shadow:4px 4px 4px 4px rgb(82, 231,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 186.9050, 23.7108, -92.0017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 231, 235) }
```

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

```
.background{ background-color: rgb(82, 231,  
235) }
```

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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