

Converting Colors

YUV(180.9160, 17.2964,
-41.1453)

Have a look what the booklet for
YUV(180.9160, 17.2964, -41.1453)
contains.

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Color

**YUV(180.9160, 17.2964,
-41.1453)**

Conversions

Conversions Part 1

Format	Color
Hex	86C6D8
RGB	134, 198, 216
RGB Percent	53%, 78%, 85%
CMY	0.4745, 0.2235, 0.1529
CMYK	0.38, 0.08, 0.00, 0.15
HSL	193°, 51%, 69%
HSV	193°, 38%, 85%
XYZ	42.4203, 50.4144, 72.4609
YIQ	180.9160, -43.9220, -7.9700

Conversions

Conversions Part 2

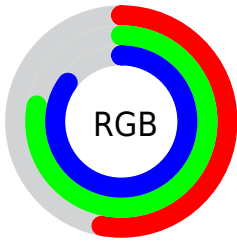
Format	Color
RYB	134, 170, 216
Decimal	8832728
CIELab	76.32, -15.84, -15.44
CIELCh	76, 22.117, 224.261
Yxy	50.4144, 0.2566, 0.3050
Android (android.graphics.Color)	4287022808 (0xFF86C6D8)
YUV	180.9160, 17.2964, -41.1453
Hunter-Lab	71.0031, -17.6119, -10.8052

Details

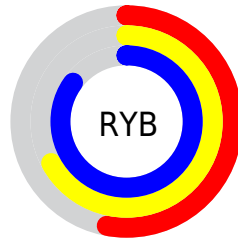
The YUV color **180.9160, 17.2964, -41.1453** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **169.0840, -17.2964, 41.1453**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.5650, 9.5815, -39.9605**, and **126.5030, 17.0070, -41.6601** is the 20% darker color. If you saturate the color by 10%, you get **171.4030, 21.9863, -52.0964**, and if you desaturate by 10%, it is **190.4290, 12.6065, -30.1942**.

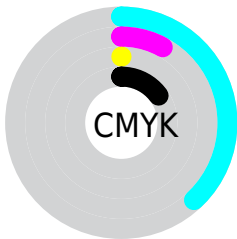
Distribution



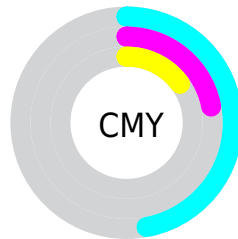
- Red (53%)
- Green (78%)
- Blue (85%)



- Red (53%)
- Yellow (67%)
- Blue (85%)



- Cyan (38%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (47%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.9160, 17.2964, -41.1453 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 180.9160, 17.2964, -41.1453 by changing the saturation by 10% instead.

■ 180.9160, 17.2964,
-41.1453

■ 180.9160, 17.2964,
-41.1453

■ 255.0000, 0.0000,
0.0000

■ 153.8020, 16.8596,
-41.0454

■ 235.5650, 9.5815,
-39.9605

■ 126.5030, 17.0070,
-41.6601

■ 244.2360, 5.3067,
-22.1320

■ 100.2040, 17.1544,
-42.2749

■ 252.9070, 1.0318,
-4.3034

■ 73.1000, 18.1917,
-48.3227

■ 50.7800, 16.8705,
-44.5341

■ 34.6570, 13.4801,
-30.3942

■ 20.9960, 9.3690,

-18.4135

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 180.9160, 17.2964,
-41.1453

■ 180.9160, 17.2964,
-41.1453

■ 171.4030, 21.9863,
-52.0964

■ 190.4290, 12.6065,
-30.1942

■ 162.7760, 26.2394,
-62.9476

■ 199.0560, 8.3534,
-19.3431

■ 153.2630, 30.9293,
-73.8987

■ 208.5690, 3.6635,
-8.3920

■ 144.0490, 35.4718,
-84.2350

■ 217.7830, -0.8790,
1.9443

■ 134.5360, 40.1618,
-95.1861

■ 227.2960, -5.5689,
12.8954

■ 125.6100, 44.5623,
-106.6520

■ 233.5310, -8.6428,
18.8283

■ 123.8270, 45.4413,
-108.5963

■ 236.4660,
-10.0897, 16.2543

■ 239.4010,
-11.5367, 13.6803

■ 242.3360,
-12.9836, 11.1063

Harmonies

Analogous

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



180.0380, 8.8553, -40.3753



180.9160, 17.2964, -41.1453



184.3180, 21.0422, -29.2199

Triad

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



180.9160, 17.2964, -41.1453



192.2020, 3.8444, 27.0098



186.5220, -18.4983, 6.5582

Complementary

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



180.9160, 17.2964, -41.1453



169.0840, -17.2964, 41.1453

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.



188.3930, -19.4207, 22.4573



180.9160, 17.2964, -41.1453



191.6130, -6.2182, 34.5424

Square

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



180.9160, 17.2964, -41.1453



191.5080, 13.0606, 10.9555



190.1260, -14.3591, 32.3385



184.0080, -12.3289, -12.2850

Rectangle

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



180.9160, 17.2964, -41.1453



187.2810, 20.5675, -16.9094



190.1260, -14.3591, 32.3385



187.3270, -19.3882, 11.9912

Sweetspot

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



180.9160, 17.2964, -41.1453



243.1060, 5.8637, -14.1250



184.1860, -15.8677, -44.0131



120.5690, 3.6635, -8.3920



0.0000, 0.0000, 0.0000



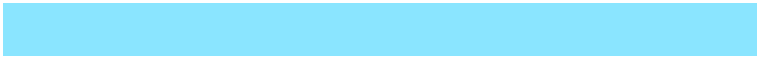
128.0000, 0.0000, 0.0000

Same Dimension

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



180.9160, 17.2964, -41.1453



204.7550, 24.7708, -58.5441



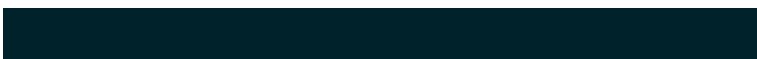
156.8490, 29.1614, -20.0386



102.5370, 2.2003, -5.7329



97.5650, 36.2035, -85.5645



24.8600, 8.9430, -21.8022

Inverse Universe

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



165.8140, 15.8677, 44.0131



183.3570, 22.5020, 62.8309



193.1510, -29.1614, 20.0386



100.3150, 2.3097, 5.8627



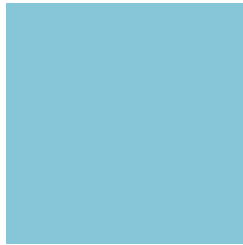
66.2910, 32.8875, 91.8298



16.7330, 8.5126, 23.0362

Previews

White Background



This preview shows how the YUV color 180.9160, 17.2964, -41.1453 looks on a white background.

Color Contrast Check

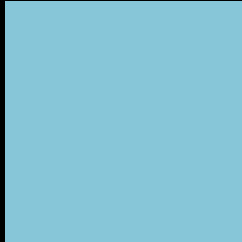
Large Text (above 18pt) WCAG AA × Fail

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 180.9160, 17.2964, -41.1453 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 180.9160, 17.2964, -41.1453 Background



This preview shows how black text looks on a background with the YUV color 180.9160, 17.2964, -41.1453.



This preview shows how white text looks on a background with the YUV color 180.9160, 17.2964, -41.1453.

-41.1453.

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

180.9160, 17.2964, -41.1453

Protanopia

188.2090, 9.7570, -2.8143

Deuteranopia

189.1970, 14.6929, 0.7042



Tritanopia

180.6880, 16.4228, -40.9454

Trichromacy



Original Color

180.9160, 17.2964, -41.1453

Protanomaly

185.2180, 12.7105, -16.8542

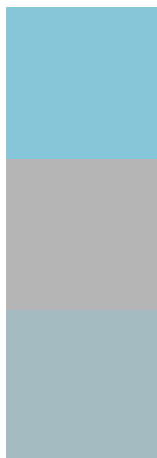
Deuteranomaly

186.0380, 15.7573, -14.0653

Tritanomaly

180.8020, 16.8596, -41.0454

Monochromacy



Original Color

180.9160, 17.2964, -41.1453

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.9210, 6.4479, -14.8397

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.9160, 17.2964, -41.1453 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(134, 198, 216)` looks like.

```
.text, #text, p{  
    color:rgb(134, 198, 216)  
}
```

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(134, 198, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 198, 216) }
```

Border

The CSS property to change the border of an element to YUV 180.9160, 17.2964, -41.1453 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(134, 198, 216) }
```


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

```
.border{ border-color:rgb(134, 198, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 198, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 198, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 198, 216);  
box-shadow:4px 4px 4px 4px rgb(134, 198,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 180.9160, 17.2964, -41.1453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 198, 216) }
```

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

```
.background{ background-color: rgb(134,  
198, 216) }
```

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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