

Converting Colors

YUV(170.1180, 24.0988,
-76.4025)

Have a look what the booklet for
YUV(170.1180, 24.0988, -76.4025)
contains.

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Color

**YUV(170.1180, 24.0988,
-76.4025)**

Conversions

Conversions Part 1

Format	Color
Hex	53CDD8
RGB	83, 205, 219
RGB Percent	33%, 80%, 86%
CMY	0.6745, 0.1961, 0.1412
CMYK	0.62, 0.06, 0.00, 0.14
HSL	186°, 65%, 59%
HSV	186°, 62%, 86%
XYZ	38.1848, 50.6161, 74.7752
YIQ	170.1180, -77.2060, -21.5100

Conversions

Conversions Part 2

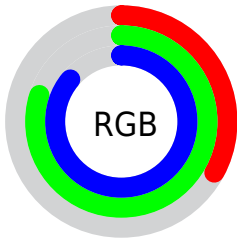
Format	Color
RYB	83, 147, 219
Decimal	5492187
CIELab	76.45, -29.54, -17.06
CIELCh	76, 34.110, 210.017
Yxy	50.6161, 0.2334, 0.3094
Android (android.graphics.Color)	4283682267 (0xFF53CDDB)
YUV	170.1180, 24.0988, -76.4025
Hunter-Lab	71.1450, -28.6996, -12.5138

Details

The YUV color **170.1180, 24.0988, -76.4025** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **131.8820, -24.0988, 76.4025**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.4090, 16.0674, -67.0107**, and **106.7460, 28.2262, -93.6162** is the 20% darker color. If you saturate the color by 10%, you get **162.3660, 27.9206, -88.8980**, and if you desaturate by 10%, it is **177.8700, 20.2771, -63.9070**.

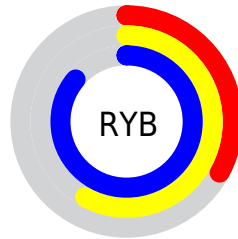
Distribution



Red (33%)

Green (80%)

Blue (86%)



Red (33%)

Yellow (58%)

Blue (86%)

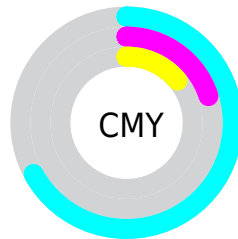


Cyan (62%)

Magenta (6%)

Yellow (0%)

Black (14%)



Cyan (67%)

Magenta (20%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.1180, 24.0988, -76.4025 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 170.1180, 24.0988, -76.4025 by changing the saturation by 10% instead.

■ 170.1180, 24.0988,
-76.4025

■ 170.1180, 24.0988,
-76.4025

255.0000, 0.0000,
0.0000

■ 139.1280, 25.5729,
-82.5503

■ 222.4090, 16.0674,
-67.0107

■ 106.7460, 28.2262,
-93.6162

■ 231.3790, 11.6452,
-48.5674

■ 88.5200, 24.3936,
-77.6320

■ 240.3490, 7.2229,
-30.1241

■ 70.8810, 20.2717,
-62.1626

■ 249.6180, 2.6533,
-11.0660

■ 54.0570, 16.7339,
-47.4080

■ 37.3470, 13.6329,
-32.7533

■ 23.5720, 9.0850,

-20.6726

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 170.1180, 24.0988,
-76.4025

■ 170.1180, 24.0988,
-76.4025

■ 162.3660, 27.9206,
-88.8980

■ 177.8700, 20.2771,
-63.9070

■ 154.0270, 32.0317,
-100.8787

■ 186.2090, 16.1660,
-51.9263

■ 146.2750, 35.8534,
-113.3742

■ 193.9610, 12.3442,
-39.4308

■ 140.0180, 38.9381,
-122.7958

■ 201.7130, 8.5225,
-26.9353

■ 209.4650, 4.7008,
-14.4398

■ 217.5050, 0.7370,
-3.0739

■ 225.2570, -3.0847,
9.4216

■ 232.1120, -6.4642,
20.0728

■ 233.2860, -7.0430,
19.0432

Harmonies

Analogous

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



173.3360, 6.7364, -60.8077



170.1180, 24.0988, -76.4025



175.4860, 32.7914, -64.4472

Triad

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



170.1180, 24.0988, -76.4025



193.4550, 13.5797, 31.1730



186.8090, -30.4718, 20.3385

Complementary

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



170.1180, 24.0988, -76.4025



131.8820, -24.0988, 76.4025

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.



189.2660, -26.7531, 40.9857



170.1180, 24.0988, -76.4025



192.6670, -1.3148, 48.5270

Square

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



170.1180, 24.0988, -76.4025



191.0690, 25.6020, 1.6935



190.9050, -15.7292, 51.8263



183.1370, -24.7175, -5.3821

Rectangle

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



170.1180, 24.0988, -76.4025



181.8350, 33.6053, -45.4593



190.9050, -15.7292, 51.8263



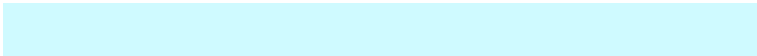
187.6790, -29.9147, 28.3455

Sweetspot

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



170.1180, 24.0988, -76.4025



237.7130, 8.5225, -26.9353



164.4280, -33.2420, -71.4124



116.6820, 5.5798, -16.3841



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.



170.1180, 24.0988, -76.4025



186.1510, 33.9426, -107.1264



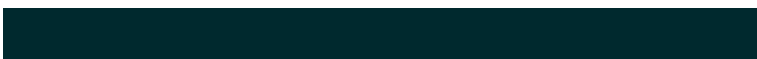
130.2020, 43.7774, -41.3962



106.1240, 1.9109, -6.2477



111.2940, 30.4211, -97.6048



29.3110, 8.2277, -25.7057

Inverse Universe

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



137.5720, 33.2420, 71.4124



140.6030, 46.5377, 100.3262



171.7980, -43.7774, 41.3962



103.4290, 2.7465, 5.7628



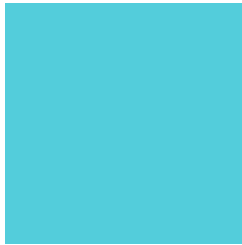
69.5110, 42.6391, 90.7599



18.4280, 11.1280, 24.1806

Previews

White Background



This preview shows how the YUV color 170.1180, 24.0988, -76.4025 looks on a white background.

Color Contrast Check

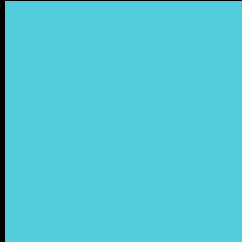
Large Text (above 18pt) WCAG AA × Fail

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 170.1180, 24.0988, -76.4025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

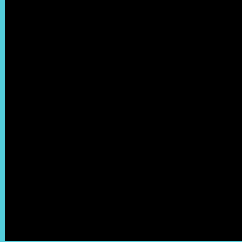
Any Text WCAG AA ✓ Pass

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 170.1180, 24.0988, -76.4025 Background



This preview shows how black text looks on a background with the YUV color 170.1180, 24.0988, -76.4025.



This preview shows how white text looks on a background with the YUV color 170.1180, 24.0988, -76.4025.

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

170.1180, 24.0988, -76.4025

Protanopia

188.0950, 9.3202, -2.7143

Deuteranopia

188.8700, 17.3191, -1.6400



Tritanopia

170.6450, 24.8250, -75.9877

Trichromacy



Original Color

170.1180, 24.0988, -76.4025

Protanomaly

181.5970, 14.4957, -29.4646

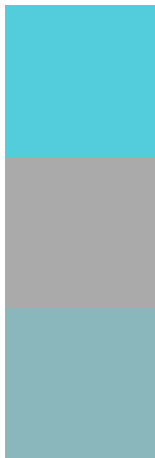
Deuteranomaly

181.9760, 19.7318, -28.9200

Tritanomaly

170.5310, 24.3882, -75.8877

Monochromacy



Original Color

170.1180, 24.0988, -76.4025

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.1150, 8.8173, -28.1649

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.1180, 24.0988, -76.4025 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(83, 205, 219)` looks like.

```
.text, #text, p{  
    color:rgb(83, 205, 219)  
}
```

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(83, 205, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 205, 219) }
```

Border

The CSS property to change the border of an element to YUV 170.1180, 24.0988, -76.4025 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(83, 205, 219) }
```


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

```
.border{ border-color:rgb(83, 205, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 205, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 205, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 205, 219);  
box-shadow:4px 4px 4px 4px rgb(83, 205,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 170.1180, 24.0988, -76.4025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 205, 219) }
```

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

```
.background{ background-color: rgb(83, 205,  
219) }
```

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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