

Converting Colors

YUV(167.8190, 24.2462,
-77.0173)

Have a look what the booklet for
YUV(167.8190, 24.2462, -77.0173)
contains.

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Color

**YUV(167.8190, 24.2462,
-77.0173)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 50CBD9 |
| RGB | 80, 203, 217 |
| RGB Percent | 31%, 80%, 85% |
| CMY | 0.6863, 0.2039, 0.1490 |
| CMYK | 0.63, 0.06, 0.00, 0.15 |
| HSL | 186°, 64%, 58% |
| HSV | 186°, 63%, 85% |
| XYZ | 37.1886, 49.4271, 73.2260 |
| YIQ | 167.8190, -77.8020, -21.7220 |

Conversions

Conversions Part 2

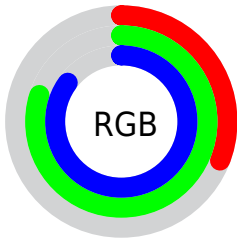
| Format | Color |
|-------------------------------------|--|
| RYB | 80, 145, 217 |
| Decimal | 5295065 |
| CIELab | 75.72, -29.63, -17.09 |
| CIELCh | 76, 34.205, 209.984 |
| Yxy | 49.4271, 0.2327, 0.3092 |
| Android (android.graphics.Color) | 4283485145 (0xFF50CBD9) |
| YUV | 167.8190, 24.2462, -77.0173 |
| Hunter-Lab | 70.3044, -28.6124, -12.5408 |

Details

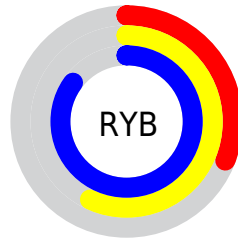
The YUV color **167.8190, 24.2462, -77.0173** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **129.1810, -24.2462, 77.0173**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5120, 16.5096, -68.8550**, and **105.3440, 27.9314, -92.3867** is the 20% darker color. If you saturate the color by 10%, you get **160.0670, 28.0680, -89.5128**, and if you desaturate by 10%, it is **175.5710, 20.4245, -64.5218**.

Distribution



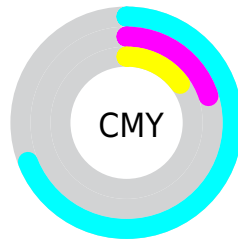
- Red (31%)
- Green (80%)
- Blue (85%)



- Red (31%)
- Yellow (57%)
- Blue (85%)



- Cyan (63%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (69%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.8190, 24.2462, -77.0173 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 167.8190, 24.2462, -77.0173 by changing the saturation by 10% instead.

167.8190, 24.2462,
-77.0173

167.8190, 24.2462,
-77.0173

255.0000, 0.0000,
0.0000

136.5300, 25.8677,
-83.7798

221.5120, 16.5096,
-68.8550

105.3440, 27.9314,
-92.3867

230.4820, 12.0874,
-50.4117

87.1180, 24.0988,
-76.4025

239.7510, 7.5178,
-31.3536

69.5930, 20.4137,
-61.0331

248.7210, 3.0955,
-12.9103

52.6550, 16.4391,
-46.1784

36.5320, 13.0487,
-32.0386

22.2840, 9.2270,

-19.5431

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 167.8190, 24.2462,
-77.0173

■ 167.8190, 24.2462,
-77.0173

■ 160.0670, 28.0680,
-89.5128

■ 175.5710, 20.4245,
-64.5218

■ 152.6140, 31.7423,
-101.3935

■ 183.0240, 16.7502,
-52.6410

■ 144.2750, 35.8534,
-113.3742

■ 191.3630, 12.6390,
-40.6604

■ 139.2030, 38.3539,
-122.0810

■ 199.1150, 8.8173,
-28.1649

■ 206.5680, 5.1430,
-16.2841

■ 214.3200, 1.3212,
-3.7886

■ 222.6590, -2.7899,
8.1921

■ 230.4110, -6.6116,
20.6876

■ 231.8840, -7.3378,
20.2727

Harmonies

Analogous

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



171.3360, 6.7364, -60.8077



167.8190, 24.2462, -77.0173



173.1870, 32.9388, -65.0620

Triad

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



167.8190, 24.2462, -77.0173



191.4550, 13.5797, 31.1730



184.8090, -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.



167.8190, 24.2462, -77.0173



129.1810, -24.2462, 77.0173

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.



187.2660, -26.7531, 40.9857



167.8190, 24.2462, -77.0173



190.6670, -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.



167.8190, 24.2462, -77.0173



189.0690, 25.6020, 1.6935



188.9050, -15.7292, 51.8263



181.1370, -24.7175, -5.3821

Rectangle

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



167.8190, 24.2462, -77.0173



179.8350, 33.6053, -45.4593



188.9050, -15.7292, 51.8263



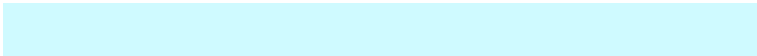
185.6790, -29.9147, 28.3455

Sweetspot

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



167.8190, 24.2462, -77.0173



237.7130, 8.5225, -26.9353



162.0150, -33.5314, -71.9272



117.2690, 5.2904, -16.8989



0.0000, 0.0000, 0.0000



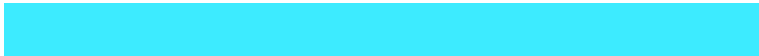
128.0000, 0.0000, 0.0000

Same Dimension

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



167.8190, 24.2462, -77.0173



185.2540, 34.3848, -108.9708



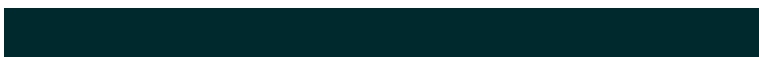
127.9030, 43.9248, -42.0109



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.



134.9850, 33.5314, 71.9272



138.8420, 47.4059, 101.8706



169.0970, -43.9248, 42.0109



103.4290, 2.7465, 5.7628



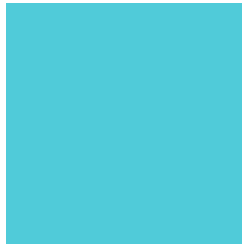
69.5110, 42.6391, 90.7599



18.4280, 11.1280, 24.1806

Previews

White Background



This preview shows how the YUV color 167.8190, 24.2462, -77.0173 looks on a white background.

Color Contrast Check

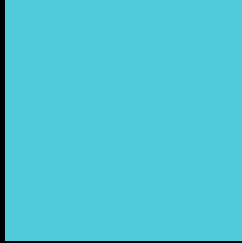
Large Text (above 18pt) WCAG AA × Fail

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 167.8190, 24.2462, -77.0173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

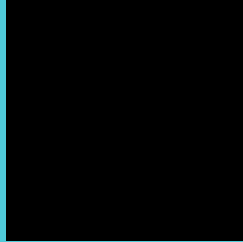
Any Text WCAG AA ✓ Pass

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 167.8190, 24.2462, -77.0173 Background



This preview shows how black text looks on a background with the YUV color 167.8190, 24.2462, -77.0173.



This preview shows how white text looks on a background with the YUV color 167.8190, 24.2462, -77.0173.

-77.0173.

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

167.8190, 24.2462, -77.0173

Protanopia

186.0950, 9.3202, -2.7143

Deuteranopia

186.8700, 17.3191, -1.6400



Tritanopia

168.3460, 24.9724, -76.6024

Trichromacy



Original Color

167.8190, 24.2462, -77.0173

Protanomaly

179.5970, 14.4957, -29.4646

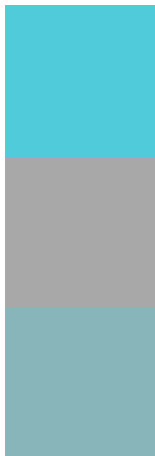
Deuteranomaly

179.9760, 19.7318, -28.9200

Tritanomaly

168.2320, 24.5356, -76.5025

Monochromacy



Original Color

167.8190, 24.2462, -77.0173

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.1150, 8.8173, -28.1649

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.8190, 24.2462, -77.0173 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(80, 203, 217)` looks like.

```
.text, #text, p{  
    color:rgb(80, 203, 217)  
}
```

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(80, 203, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 203, 217) }
```

Border

The CSS property to change the border of an element to YUV 167.8190, 24.2462, -77.0173 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(80, 203, 217) }
```


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

```
.border{ border-color:rgb(80, 203, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 203, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 203, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 203, 217);  
box-shadow:4px 4px 4px 4px rgb(80, 203,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 167.8190, 24.2462, -77.0173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 203, 217) }
```

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

```
.background{ background-color: rgb(80, 203,  
217) }
```

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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