

Converting Colors

YUV(166.7420, 27.7352,
-76.0727)

Have a look what the booklet for
YUV(166.7420, 27.7352, -76.0727)
contains.

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Color

**YUV(166.7420, 27.7352,
-76.0727)**

Conversions

Conversions Part 1

Format	Color
Hex	50C8DF
RGB	80, 200, 223
RGB Percent	31%, 78%, 87%
CMY	0.6863, 0.2157, 0.1255
CMYK	0.64, 0.10, 0.00, 0.13
HSL	190°, 69%, 59%
HSV	190°, 64%, 87%
XYZ	37.2818, 48.3417, 77.1780
YIQ	166.7420, -78.9030, -18.2870

Conversions

Conversions Part 2

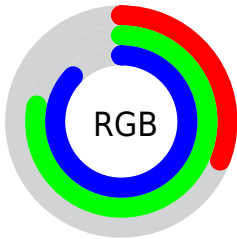
Format	Color
RYB	80, 145, 223
Decimal	5294303
CIELab	75.04, -26.41, -21.36
CIELCh	75, 33.963, 218.966
Yxy	48.3417, 0.2290, 0.2969
Android (android.graphics.Color)	4283484383 (0xFF50C8DF)
YUV	166.7420, 27.7352, -76.0727
Hunter-Lab	69.5282, -25.9607, -17.1435

Details

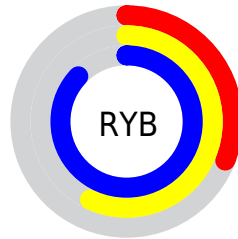
The YUV color **166.7420, 27.7352, -76.0727** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **136.2580, -27.7352, 76.0727**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5120, 16.5096, -68.8550**, and **104.8540, 31.1310, -91.9570** is the 20% darker color. If you saturate the color by 10%, you get **157.8160, 32.1357, -87.5386**, and if you desaturate by 10%, it is **175.6680, 23.3347, -64.6068**.

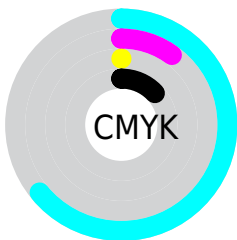
Distribution



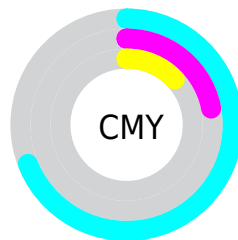
- Red (31%)
- Green (78%)
- Blue (87%)



- Red (31%)
- Yellow (57%)
- Blue (87%)



- Cyan (64%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (69%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.7420, 27.7352, -76.0727 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 166.7420, 27.7352, -76.0727 by changing the saturation by 10% instead.

166.7420, 27.7352,
-76.0727

166.7420, 27.7352,
-76.0727

255.0000, 0.0000,
0.0000

135.4530, 29.3567,
-82.8353

221.5120, 16.5096,
-68.8550

104.8540, 31.1310,
-91.9570

230.7810, 11.9400,
-49.7969

86.5140, 26.8616,
-75.8728

239.7510, 7.5178,
-31.3536

68.9890, 23.1764,
-60.5034

248.7210, 3.0955,
-12.9103

52.0510, 19.2019,
-45.6487

35.9280, 15.8115,
-31.5089

21.5660, 11.5530,

-18.9134

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 166.7420, 27.7352,
-76.0727

■ 166.7420, 27.7352,
-76.0727

■ 157.8160, 32.1357,
-87.5386

■ 175.6680, 23.3347,
-64.6068

■ 149.1780, 36.3942,
-100.1341

■ 184.3060, 19.0761,
-52.0114

■ 140.2520, 40.7948,
-111.6000

■ 193.2320, 14.6756,
-40.5455

■ 135.1910, 43.2898,
-118.5625

■ 201.5710, 10.5645,
-28.5648

■ 210.7960, 6.0166,
-16.4841

■ 219.7220, 1.6161,
-5.0182

■ 228.0610, -2.4951,
6.9625

■ 236.0900, -6.4534,
16.5841

■ 237.8510, -7.3215,
15.0397

Harmonies

Analogous

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



167.7850, 12.4310, -67.3404



166.7420, 27.7352, -76.0727



174.3560, 33.3485, -56.4402

Triad

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



166.7420, 27.7352, -76.0727



189.3480, 9.1954, 37.4058



182.1070, -29.1398, 13.0612

Complementary

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



166.7420, 27.7352, -76.0727



136.2580, -27.7352, 76.0727

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.



184.4780, -28.3367, 35.5378



166.7420, 27.7352, -76.0727



188.1250, -5.9776, 50.7564

Square

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



166.7420, 27.7352, -76.0727



188.2120, 22.0805, 11.2151



186.8570, -19.6495, 49.2374



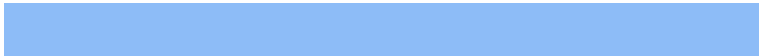
178.5920, -21.4909, -13.6742

Rectangle

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



166.7420, 27.7352, -76.0727



180.6730, 32.6992, -34.7932



186.8570, -19.6495, 49.2374



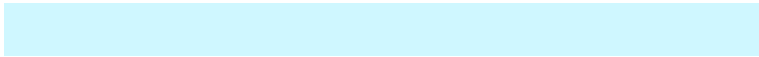
182.6350, -29.8931, 21.3681

Sweetspot

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



166.7420, 27.7352, -76.0727



235.9520, 9.3907, -25.3909



166.3350, -32.2102, -75.7158



116.0950, 5.8692, -15.8693



0.0000, 0.0000, 0.0000



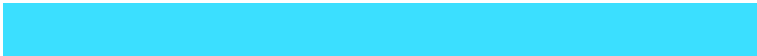
128.0000, 0.0000, 0.0000

Same Dimension

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



166.7420, 27.7352, -76.0727



177.6120, 38.1523, -104.0227



125.6520, 47.9926, -40.0368



107.5370, 2.2003, -5.7329



106.9400, 34.0466, -93.7864



29.5390, 9.1013, -25.9057

Inverse Universe

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



136.4370, 31.3366, 75.9158



136.3000, 42.7431, 104.0999



177.3480, -47.9926, 40.0368



105.3150, 2.3097, 5.8627



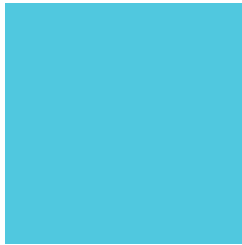
69.4960, 38.7025, 93.4040



19.0260, 10.8332, 25.4102

Previews

White Background



This preview shows how the YUV color 166.7420, 27.7352, -76.0727 looks on a white background.

Color Contrast Check

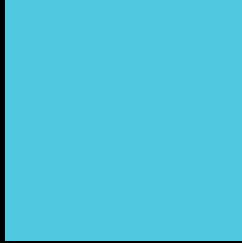
Large Text (above 18pt) WCAG AA × Fail

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 166.7420, 27.7352, -76.0727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

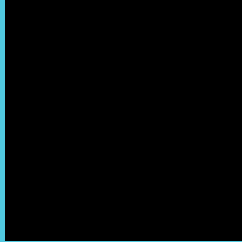
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.7420, 27.7352, -76.0727

Background



This preview shows how black text looks on a background with the YUV color 166.7420, 27.7352, -76.0727.



This preview shows how white text looks on a background with the YUV color 166.7420, 27.7352, -76.0727.

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

166.7420, 27.7352, -76.0727

Protanopia

184.1100, 13.2568, -5.3585

Deuteranopia

185.0590, 20.6769, -5.3137



Tritanopia

165.7480, 25.2672, -77.8320

Trichromacy



Original Color

166.7420, 27.7352, -76.0727



Protanomaly

177.9110, 18.2849, -31.4939



Deuteranomaly

178.2900, 23.5210, -30.9493



Tritanomaly

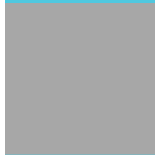
166.2750, 25.9934, -77.4172

Monochromacy



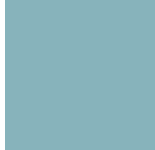
Original Color

166.7420, 27.7352, -76.0727



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

166.7560, 9.9803, -27.8500

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.7420, 27.7352, -76.0727 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, 200, 223)` looks like.

```
.text, #text, p{  
    color:rgb(80, 200, 223)  
}
```

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, 200, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 200, 223) }
```

Border

The CSS property to change the border of an element to YUV 166.7420, 27.7352, -76.0727 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, 200, 223) }
```


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

```
.border{ border-color:rgb(80, 200, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 200, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 200, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 200, 223);  
box-shadow:4px 4px 4px 4px rgb(80, 200,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 166.7420, 27.7352, -76.0727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 200, 223) }
```

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

```
.background{ background-color: rgb(80, 200,  
223) }
```

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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