

Converting Colors

YUV(179.6220, 6.1024,
-90.8765)

Have a look what the booklet for
YUV(179.6220, 6.1024, -90.8765)
contains.

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Color

**YUV(179.6220, 6.1024,
-90.8765)**

Conversions

Conversions Part 1

Format	Color
Hex	4CE6C0
RGB	76, 230, 192
RGB Percent	30%, 90%, 75%
CMY	0.7020, 0.0980, 0.2471
CMYK	0.67, 0.00, 0.17, 0.10
HSL	165°, 75%, 60%
HSV	165°, 67%, 90%
XYZ	40.7917, 61.9359, 59.6740
YIQ	179.6220, -79.5860, -44.4660

Conversions

Conversions Part 2

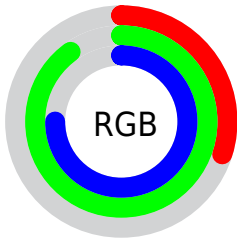
Format	Color
RYB	76, 164, 230
Decimal	5039808
CIELab	82.88, -49.05, 6.81
CIELCh	83, 49.524, 172.096
Yxy	61.9359, 0.2512, 0.3814
Android (android.graphics.Color)	4283229888 (0xFF4CE6C0)
YUV	179.6220, 6.1024, -90.8765
Hunter-Lab	78.6994, -45.2031, 10.1327

Details

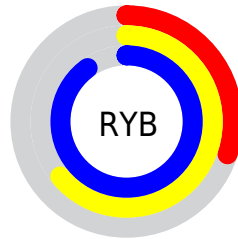
The YUV color **179.6220, 6.1024, -90.8765** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **126.3780, -6.1024, 90.8765**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.4150, 13.5994, -68.7700**, and **117.3970, 10.6503, -102.9572** is the 20% darker color. If you saturate the color by 10%, you get **172.0610, 6.8719, -104.4165**, and if you desaturate by 10%, it is **187.1830, 5.3328, -77.3365**.

Distribution



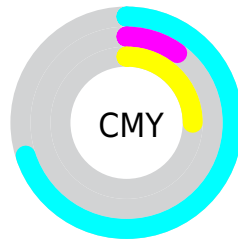
- Red (30%)
- Green (90%)
- Blue (75%)



- Red (30%)
- Yellow (64%)
- Blue (90%)



- Cyan (67%)
- Magenta (0%)
- Yellow (17%)
- Black (10%)



- Cyan (70%)
- Magenta (10%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.6220, 6.1024, -90.8765 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 179.6220, 6.1024, -90.8765 by changing the saturation by 10% instead.

179.6220, 6.1024,
-90.8765

179.6220, 6.1024,
-90.8765

255.0000, 0.0000,
0.0000

146.0660, 9.3345,
-100.9129

220.4150, 13.5994,
-68.7700

117.3970, 10.6503,
-102.9572

230.1830, 12.2348,
-51.0265

98.5840, 7.1071,
-86.4582

239.4520, 7.6652,
-31.9684

80.5860, 4.1481,
-70.6739

248.7210, 3.0955,
-12.9103

62.5880, 1.1891,
-54.8897

45.4050, -1.1857,
-39.8202

29.6240, -3.2656,

-25.9802

■ 10.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,
0.0000

■ 179.6220, 6.1024,
-90.8765

■ 179.6220, 6.1024,
-90.8765

■ 172.0610, 6.8719,
-104.4165

■ 187.1830, 5.3328,
-77.3365

■ 164.6140, 8.0783,
-118.0565


■ 194.6300, 4.1264,
-63.6965


■ 157.0530, 8.8479,
-131.5965


■ 202.1910, 3.3568,
-50.1565

■ 154.7320, 9.0061,
-135.7000

■ 209.7520, 2.5873,
-36.6165

 217.1990, 1.3809,
-22.9765

 224.7600, 0.6113,
-9.4365

 232.3210, -0.1583,
4.1035

 238.2730, -0.6276,
14.6696

 238.9570, 1.9932,
14.0697

Harmonies

Analogous

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



192.7860, -22.5725, -40.1543



179.6220, 6.1024, -90.8765



162.3700, 38.2716, -142.3985

Triad

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



179.6220, 6.1024, -90.8765



203.2910, 25.4925, -9.9022



199.0560, -31.5796, 49.0629

Complementary

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



179.6220, 6.1024, -90.8765



126.3780, -6.1024, 90.8765

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.



196.4580, -11.0718, 51.3413



179.6220, 6.1024, -90.8765



211.5510, 21.4204, 36.3508

Square

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



179.6220, 6.1024, -90.8765



187.2680, 33.3919, -70.3950



201.2290, 9.7471, 47.1572



203.5480, -44.6402, 38.1074

Rectangle

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



179.6220, 6.1024, -90.8765



162.9060, 45.4023, -142.8686



201.2290, 9.7471, 47.1572



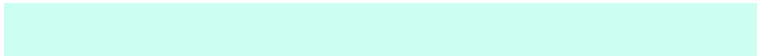
197.3750, -25.3279, 50.5371

Sweetspot

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



179.6220, 6.1024, -90.8765



238.2690, 1.8394, -30.0539



178.0590, -50.3151, -55.3027



117.8190, 1.0752, -18.2583



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.



179.6220, 6.1024, -90.8765



188.3040, 8.2311, -120.4156



161.6480, 33.6975, -75.1133



111.0700, 0.4585, -7.0774



120.3490, 6.7299, -105.5461



34.2690, 1.8394, -30.0539

Inverse Universe

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



126.3780, -6.1024, 90.8765



117.6960, -8.2311, 120.4156



144.9390, -33.9869, 74.5985



106.9300, -0.4585, 7.0774



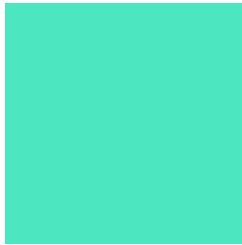
58.5370, -7.1667, 105.6461



16.7310, -1.8394, 30.0539

Previews

White Background



This preview shows how the YUV color 179.6220, 6.1024, -90.8765 looks on a white background.

Color Contrast Check

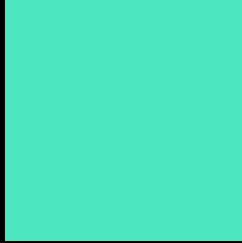
Large Text (above 18pt) WCAG AA × Fail

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 179.6220, 6.1024, -90.8765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

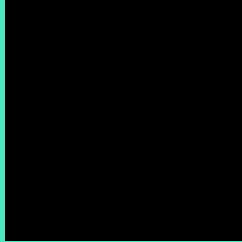
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

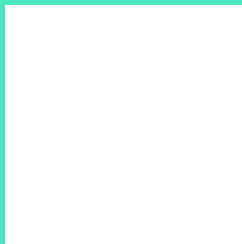
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 179.6220, 6.1024, -90.8765

Background



This preview shows how black text looks on a background with the YUV color 179.6220, 6.1024, -90.8765.

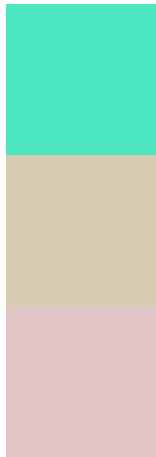


This preview shows how white text looks on a background with the YUV color 179.6220, 6.1024,

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

179.6220, 6.1024, -90.8765

Protanopia

204.0260, -12.8308, 8.7472

Deuteranopia

206.4860, -3.6906, 17.1138



Tritanopia

187.6770, 26.2882, -78.6467

Trichromacy



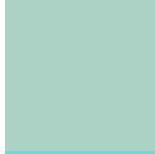
Original Color

179.6220, 6.1024, -90.8765



Protanomaly

194.9290, -5.8810, -27.1247



Deuteranomaly

196.7430, -0.3663, -22.5766



Tritanomaly

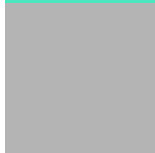
184.9940, 18.7370, -83.3097

Monochromacy



Original Color

179.6220, 6.1024, -90.8765



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

179.6600, 2.1396, -33.0278

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.6220, 6.1024, -90.8765 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(76, 230, 192)` looks like.

```
.text, #text, p{  
    color:rgb(76, 230, 192)  
}
```

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(76, 230, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 230, 192) }
```

Border

The CSS property to change the border of an element to YUV 179.6220, 6.1024, -90.8765 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(76, 230, 192) }
```


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

```
.border{ border-color:rgb(76, 230, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 230, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 230, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 230, 192);  
box-shadow:4px 4px 4px 4px rgb(76, 230,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 179.6220, 6.1024, -90.8765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 230, 192) }
```

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

```
.background{ background-color: rgb(76, 230,  
192) }
```

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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