

Converting Colors

YUV(165.6290, 22.3679,
-81.2356)

Have a look what the booklet for
YUV(165.6290, 22.3679, -81.2356)
contains.

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Color

**YUV(165.6290, 22.3679,
-81.2356)**

Conversions

Conversions Part 1

Format	Color
Hex	49CCD3
RGB	73, 204, 211
RGB Percent	29%, 80%, 83%
CMY	0.7137, 0.2000, 0.1725
CMYK	0.65, 0.03, 0.00, 0.17
HSL	183°, 61%, 56%
HSV	183°, 65%, 83%
XYZ	36.0984, 49.3053, 69.2423
YIQ	165.6290, -80.3230, -25.5950

Conversions

Conversions Part 2

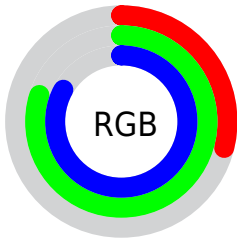
Format	Color
RYB	73, 140, 211
Decimal	4836563
CIELab	75.64, -32.91, -13.99
CIELCh	76, 35.760, 203.026
Yxy	49.3053, 0.2334, 0.3188
Android (android.graphics.Color)	4283026643 (0xFF49CCD3)
YUV	165.6290, 22.3679, -81.2356
Hunter-Lab	70.2178, -31.1157, -9.3139

Details

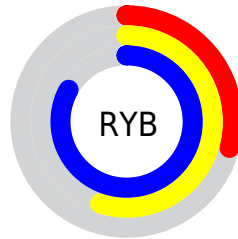
The YUV color **165.6290, 22.3679, -81.2356** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **118.3710, -22.3679, 81.2356**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0170, 17.2466, -71.9289**, and **105.3610, 25.4580, -92.4016** is the 20% darker color. If you saturate the color by 10%, you get **158.7630, 25.7528, -93.6312**, and if you desaturate by 10%, it is **172.4950, 18.9830, -68.8401**.

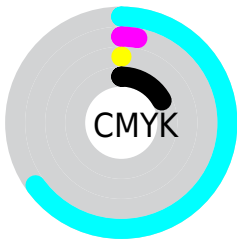
Distribution



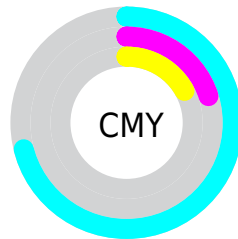
- Red (29%)
- Green (80%)
- Blue (83%)



- Red (29%)
- Yellow (55%)
- Blue (83%)



- Cyan (65%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (71%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.6290, 22.3679, -81.2356 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 165.6290, 22.3679, -81.2356 by changing the saturation by 10% instead.

■ 165.6290, 22.3679,
-81.2356

■ 165.6290, 22.3679,
-81.2356

■ 255.0000, 0.0000,
0.0000

■ 132.8450, 24.7264,
-91.0721

■ 220.0170, 17.2466,
-71.9289

■ 105.3610, 25.4580,
-92.4016

■ 228.9870, 12.8244,
-53.4856

■ 87.0210, 21.1886,
-76.3174

■ 237.9570, 8.4022,
-35.0423

■ 69.4960, 17.5035,
-60.9480

■ 247.2260, 3.8326,
-15.9842

■ 52.0850, 14.2551,
-45.6785

■ 35.9620, 10.8647,
-31.5387

■ 21.2410, 7.7692,

-18.6284

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 165.6290, 22.3679,
-81.2356

■ 165.6290, 22.3679,
-81.2356

■ 158.7630, 25.7528,
-93.6312

■ 172.4950, 18.9830,
-68.8401

■ 151.8970, 29.1378,
-106.0267

■ 179.3610, 15.5980,
-56.4446

■ 145.0310, 32.5227,
-118.4222

■ 186.2270, 12.2131,
-44.0491

■ 141.4540, 34.2862,
-124.0552

■ 193.0930, 8.8282,
-31.6536

■ 199.9590, 5.4432,
-19.2580

■ 207.1240, 1.9109,
-6.2477

■ 213.9900, -1.4741,
6.1478

■ 221.4430, -5.1484,
18.0285

■ 225.9170, -7.3541,
25.5058

Harmonies

Analogous

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



171.3210, 2.7997, -58.1635



165.6290, 22.3679, -81.2356



169.0500, 33.9923, -76.3429

Triad

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



165.6290, 22.3679, -81.2356



191.0460, 17.2323, 26.2697



185.2120, -31.6565, 27.0011

Complementary

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



165.6290, 22.3679, -81.2356



118.3710, -22.3679, 81.2356

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.



187.5270, -25.8958, 46.0188



165.6290, 22.3679, -81.2356



190.8780, 2.0321, 48.3420

Square

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



165.6290, 22.3679, -81.2356



188.2250, 28.9761, -7.2133



189.4970, -13.5560, 54.8151



181.6710, -27.9388, 1.1655

Rectangle

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



165.6290, 22.3679, -81.2356



176.3390, 35.8219, -56.4253



189.4970, -13.5560, 54.8151



185.8970, -30.5152, 34.2933

Sweetspot

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



165.6290, 22.3679, -81.2356



237.9900, 8.3859, -29.8092



154.8040, -36.8784, -71.7421



117.5570, 5.1484, -18.0285



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.



165.6290, 22.3679, -81.2356



189.6290, 32.2279, -117.1926



125.1260, 42.3359, -45.7145



101.1240, 1.9109, -6.2477



113.0720, 27.0795, -99.1641



27.5670, 6.6225, -24.1763

Inverse Universe

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



129.1960, 36.8784, 71.7421



137.0470, 53.2208, 103.4448



158.8740, -42.3359, 45.7145



98.4290, 2.7465, 5.7628



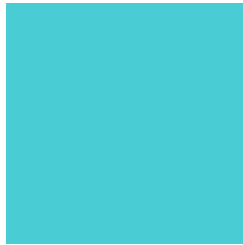
68.4720, 45.1233, 87.2861



16.7050, 10.9914, 21.3067

Previews

White Background



This preview shows how the YUV color 165.6290, 22.3679, -81.2356 looks on a white background.

Color Contrast Check

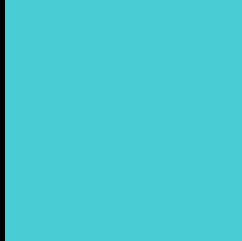
Large Text (above 18pt) WCAG AA × Fail

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 165.6290, 22.3679, -81.2356 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

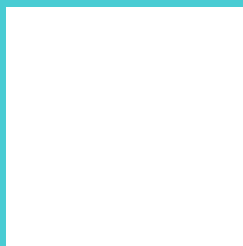
Any Text WCAG AAA ✓ Pass

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

YUV 165.6290, 22.3679, -81.2356 Background



This preview shows how black text looks on a background with the YUV color 165.6290, 22.3679, -81.2356.



This preview shows how white text looks on a background with the YUV color 165.6290, 22.3679, -81.2356.

-81.2356.

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

165.6290, 22.3679, -81.2356

Protanopia

185.5960, 6.1152, -1.3997

Deuteranopia

187.0830, 14.2561, 0.8042



Tritanopia

167.1500, 25.5620, -79.0616

Trichromacy



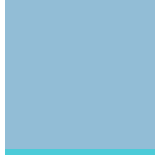
Original Color

165.6290, 22.3679, -81.2356



Protanomaly

178.3150, 12.1697, -30.0943



Deuteranomaly

178.9930, 17.2585, -28.9349



Tritanomaly

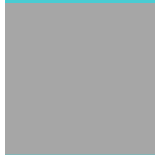
166.5090, 24.3991, -79.3764

Monochromacy



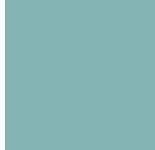
Original Color

165.6290, 22.3679, -81.2356



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

165.8760, 7.9491, -29.7093

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.6290, 22.3679, -81.2356 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(73, 204, 211)` looks like.

```
.text, #text, p{  
    color:rgb(73, 204, 211)  
}
```

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(73, 204, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 204, 211) }
```

Border

The CSS property to change the border of an element to YUV 165.6290, 22.3679, -81.2356 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(73, 204, 211) }
```


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

```
.border{ border-color:rgb(73, 204, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 204, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 204, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 204, 211);  
box-shadow:4px 4px 4px 4px rgb(73, 204,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 165.6290, 22.3679, -81.2356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 204, 211) }
```

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

```
.background{ background-color: rgb(73, 204,  
211) }
```

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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