

Converting Colors

YUV(155.5030, 23.4160,
-90.7721)

Have a look what the booklet for
YUV(155.5030, 23.4160, -90.7721)
contains.

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Color

**YUV(155.5030, 23.4160,
-90.7721)**

Conversions

Conversions Part 1

Format	Color
Hex	34C7CB
RGB	52, 199, 203
RGB Percent	20%, 78%, 80%
CMY	0.7961, 0.2196, 0.2039
CMYK	0.74, 0.02, 0.00, 0.20
HSL	182°, 59%, 50%
HSV	182°, 74%, 80%
XYZ	32.6191, 45.8887, 63.6381
YIQ	155.5030, -88.8960, -29.9200

Conversions

Conversions Part 2

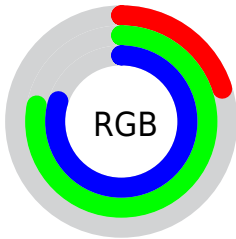
Format	Color
RYB	52, 126, 203
Decimal	3459019
CIELab	73.47, -35.60, -12.95
CIELCh	73, 37.880, 199.996
Yxy	45.8887, 0.2295, 0.3228
Android (android.graphics.Color)	4281649099 (0xFF34C7CB)
YUV	155.5030, 23.4160, -90.7721
Hunter-Lab	67.7412, -32.5949, -8.2800

Details

The YUV color **155.5030, 23.4160, -90.7721** 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 **99.4970, -23.4160, 90.7721**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.5320, 19.4577, -81.1506**, and **101.5140, 23.4106, -89.0278** is the 20% darker color. If you saturate the color by 10%, you get **148.9360, 26.6536, -102.5529**, and if you desaturate by 10%, it is **162.0700, 20.1785, -78.9914**.

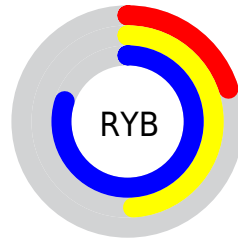
Distribution



Red (20%)

Green (78%)

Blue (80%)



Red (20%)

Yellow (49%)

Blue (80%)

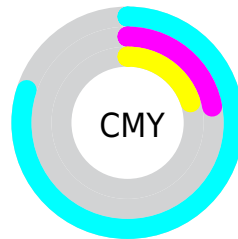


Cyan (74%)

Magenta (2%)

Yellow (0%)

Black (20%)



Cyan (80%)

Magenta (22%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.5030, 23.4160, -90.7721 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 155.5030, 23.4160, -90.7721 by changing the saturation by 10% instead.

■ 155.5030, 23.4160,
-90.7721

■ 155.5030, 23.4160,
-90.7721

■ 255.0000, 0.0000,
0.0000

■ 120.4410, 27.3906,
-105.6268

■ 215.5320, 19.4577,
-81.1506

■ 101.5140, 23.4106,
-89.0278

■ 224.8010, 14.8881,
-62.0925

■ 83.2880, 19.5780,
-73.0436

■ 234.0700, 10.3185,
-43.0344

■ 65.7630, 15.8928,
-57.6742

■ 243.0400, 5.8963,
-24.5911

■ 49.0530, 12.7919,
-43.0195

■ 252.3090, 1.3267,
-5.5330

■ 32.9300, 9.4015,
-28.8796

■ 16.4480, 7.1741,

-14.4249

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 155.5030, 23.4160,
-90.7721

■ 155.5030, 23.4160,
-90.7721

■ 148.9360, 26.6536,
-102.5529

■ 162.0700, 20.1785,
-78.9914

■ 142.6570, 29.7491,
-115.4632

■ 168.3490, 17.0829,
-66.0811

■ 139.3680, 31.3706,
-122.2257

■ 174.9160, 13.8454,
-54.3003

■ 180.8960, 10.8973,
-42.0048

■ 187.7620, 7.5123,
-29.6093

■ 193.7420, 4.5642,
-17.3137

■ 200.3090, 1.3267,
-5.5330

■ 206.2890, -1.6215,
6.7625

■ 213.1550, -5.0064,
19.1581

Harmonies

Analogous

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



163.9680, 1.4948, -59.6079



155.5030, 23.4160, -90.7721



157.7710, 37.0879, -89.2532

Triad

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



155.5030, 23.4160, -90.7721



185.0180, 19.7111, 24.5402



178.8920, -32.9778, 30.7897

Complementary

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



155.5030, 23.4160, -90.7721



99.4970, -23.4160, 90.7721

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.



181.8480, -26.0541, 50.1223



155.5030, 23.4160, -90.7721



185.1600, 4.3581, 48.9717

Square

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



155.5030, 23.4160, -90.7721



181.5880, 31.7551, -11.9167



183.4480, -12.5459, 57.4891



175.9980, -30.5650, 3.5098

Rectangle

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



155.5030, 23.4160, -90.7721



167.5550, 38.1804, -66.2617



183.4480, -12.5459, 57.4891



179.9900, -31.5471, 38.5968

Sweetspot

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



155.5030, 23.4160, -90.7721



237.6690, 8.5442, -33.9127



140.9790, -42.3876, -78.0346



117.2470, 5.3012, -20.3876



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.



155.5030, 23.4160, -90.7721



183.6050, 35.1977, -136.4656



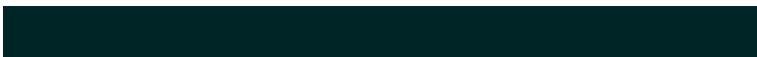
112.0650, 44.8310, -52.6770



99.0100, 1.4741, -6.1478



113.4310, 25.9165, -99.4790



26.0510, 5.8909, -22.8467

Inverse Universe

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



113.9070, 41.9508, 78.1346



121.0670, 63.0710, 117.4592



142.9350, -44.8310, 52.6770



96.1300, 2.8939, 5.1480



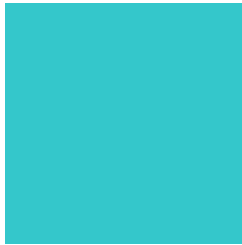
67.9880, 45.8549, 85.9565



15.5800, 10.5601, 19.6623

Previews

White Background



This preview shows how the YUV color 155.5030, 23.4160, -90.7721 looks on a white background.

Color Contrast Check

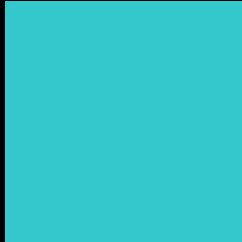
Large Text (above 18pt) WCAG AA × Fail

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 155.5030, 23.4160, -90.7721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

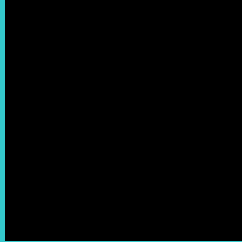
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

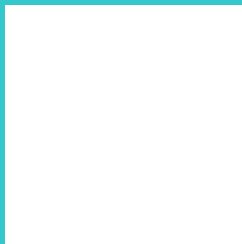
Any Text WCAG AAA ✓ Pass

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

YUV 155.5030, 23.4160, -90.7721 Background



This preview shows how black text looks on a background with the YUV color 155.5030, 23.4160, -90.7721.

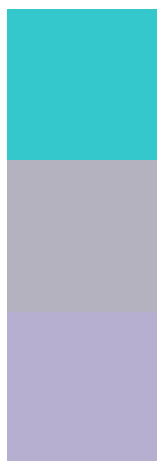


This preview shows how white text looks on a background with the YUV color 155.5030, 23.4160,

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

155.5030, 23.4160, -90.7721

Protanopia

179.6670, 5.0942, -0.5850

Deuteranopia

180.8550, 13.3825, 1.0042



Tritanopia

157.5620, 27.3309, -86.4389

Trichromacy



Original Color

155.5030, 23.4160, -90.7721

Protanomaly

171.1790, 11.7438, -33.4830

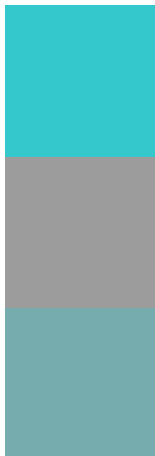
Deuteranomaly

171.8570, 16.8325, -32.3236

Tritanomaly

156.7960, 25.7366, -88.3981

Monochromacy



Original Color

155.5030, 23.4160, -90.7721

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.9680, 8.3968, -33.2979

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.5030, 23.4160, -90.7721 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(52, 199, 203)` looks like.

```
.text, #text, p{  
    color:rgb(52, 199, 203)  
}
```

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(52, 199, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 199, 203) }
```

Border

The CSS property to change the border of an element to YUV 155.5030, 23.4160, -90.7721 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(52, 199, 203) }
```


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

```
.border{ border-color:rgb(52, 199, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 199, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 199, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 199, 203);  
box-shadow:4px 4px 4px 4px rgb(52, 199,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 155.5030, 23.4160, -90.7721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 199, 203) }
```

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

```
.background{ background-color: rgb(52, 199,  
203) }
```

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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