

Converting Colors

YUV(150.9280, 22.2205,
-80.6209)

Have a look what the booklet for
YUV(150.9280, 22.2205, -80.6209)
contains.

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Color

**YUV(150.9280, 22.2205,
-80.6209)**

Conversions

Conversions Part 1

Format	Color
Hex	3BBDC4
RGB	59, 189, 196
RGB Percent	23%, 74%, 77%
CMY	0.7686, 0.2588, 0.2314
CMYK	0.70, 0.04, 0.00, 0.23
HSL	183°, 54%, 50%
HSV	183°, 70%, 77%
XYZ	29.9650, 41.3105, 58.6190
YIQ	150.9280, -79.7270, -25.3830

Conversions

Conversions Part 2

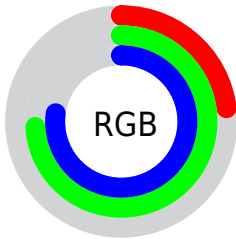
Format	Color
RYB	59, 126, 196
Decimal	3915204
CIELab	70.39, -32.08, -13.75
CIELCh	70, 34.904, 203.195
Yxy	41.3105, 0.2307, 0.3180
Android (android.graphics.Color)	4282105284 (0xFF3BBDC4)
YUV	150.9280, 22.2205, -80.6209
Hunter-Lab	64.2733, -29.2592, -9.0828

Details

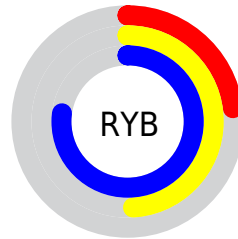
The YUV color **150.9280, 22.2205, -80.6209** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted azure. A complement of this color would be **104.0720, -22.2205, 80.6209**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.6190, 20.8938, -75.0879**, and **95.4330, 22.9575, -83.6947** is the 20% darker color. If you saturate the color by 10%, you get **144.3610, 25.4580, -92.4016**, and if you desaturate by 10%, it is **157.4950, 18.9830, -68.8401**.

Distribution



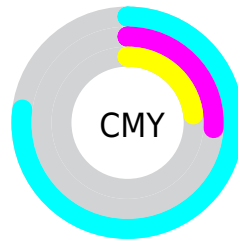
- Red (23%)
- Green (74%)
- Blue (77%)



- Red (23%)
- Yellow (49%)
- Blue (77%)



- Cyan (70%)
- Magenta (4%)
- Yellow (0%)
- Black (23%)



- Cyan (77%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.9280, 22.2205, -80.6209 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 150.9280, 22.2205, -80.6209 by changing the saturation by 10% instead.

■ 150.9280, 22.2205,
-80.6209

■ 150.9280, 22.2205,
-80.6209

■ 255.0000, 0.0000,
0.0000

■ 114.3600, 26.9375,
-100.2937

■ 210.6190, 20.8938,
-75.0879

■ 95.4330, 22.9575,
-83.6947

■ 225.1000, 14.7407,
-61.4777

■ 77.3210, 19.5617,
-67.8105

■ 234.3690, 10.1711,
-42.4196

■ 60.3830, 15.5872,
-52.9559

■ 243.3390, 5.7489,
-23.9763

■ 43.6730, 12.4862,
-38.3012

■ 252.3090, 1.3267,
-5.5330

■ 28.1370, 8.8065,
-24.6761

■ 5.3120, 10.1992,

-4.6586

■ 0.0000, 0.0000,
0.0000

■ 150.9280, 22.2205,
-80.6209

■ 150.9280, 22.2205,
-80.6209

■ 144.3610, 25.4580,
-92.4016

■ 157.4950, 18.9830,
-68.8401

■ 138.0930, 28.5482,
-103.5676

■ 163.7630, 15.8928,
-57.6742

■ 131.5260, 31.7857,
-115.3483

■ 170.3300, 12.6553,
-45.8934

■ 176.5980, 9.5652,
-34.7274

■ 183.1650, 6.3277,
-22.9467

■ 189.7320, 3.0901,
-11.1660

■ 196.0000, 0.0000,
0.0000

■ 202.5670, -3.2375,
11.7807

■ 208.8350, -6.3277,
22.9467

Harmonies

Analogous

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



157.1470, 3.3785, -57.1339



150.9280, 22.2205, -80.6209



154.5340, 33.2607, -75.0133

Triad

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



150.9280, 22.2205, -80.6209



176.3340, 17.0903, 25.1401



170.8420, -30.4881, 25.5716

Complementary

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



150.9280, 22.2205, -80.6209



104.0720, -22.2205, 80.6209

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.



173.1570, -24.7274, 44.5893



150.9280, 22.2205, -80.6209



175.9810, 2.4744, 46.4977

Square

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



150.9280, 22.2205, -80.6209



173.8830, 27.6657, -6.9134



174.7140, -12.6770, 52.8708



167.6000, -26.9178, 0.3508

Rectangle

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



150.9280, 22.2205, -80.6209



161.7090, 34.6535, -54.9958



174.7140, -12.6770, 52.8708



171.5270, -29.3468, 32.8638

Sweetspot

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



150.9280, 22.2205, -80.6209



237.0930, 8.8282, -31.6536



140.2170, -36.5890, -71.2273



117.2580, 5.2958, -18.6433



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.



150.9280, 22.2205, -80.6209



184.5570, 34.7284, -125.8995



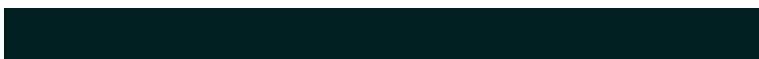
111.0120, 41.8991, -45.6145



93.4230, 1.7635, -5.6330



107.5780, 26.3370, -94.3459



21.9590, 5.4432, -19.2580

Inverse Universe

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



114.7830, 36.5890, 71.2273



128.1280, 57.1249, 111.2667



143.9880, -41.8991, 45.6145



91.0160, 2.4571, 5.2480



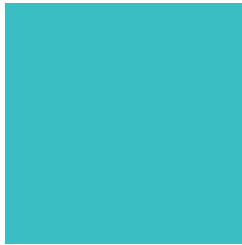
65.4670, 42.6608, 83.7824



13.4010, 8.6763, 17.1883

Previews

White Background



This preview shows how the YUV color 150.9280, 22.2205, -80.6209 looks on a white background.

Color Contrast Check

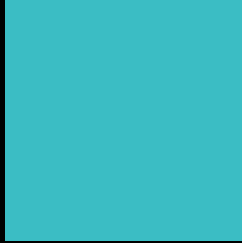
Large Text (above 18pt) WCAG AA × Fail

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 150.9280, 22.2205, -80.6209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

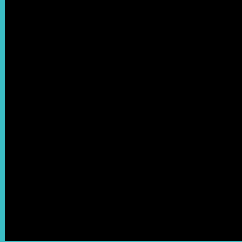
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

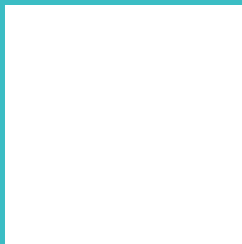
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 150.9280, 22.2205, -80.6209

Background



This preview shows how black text looks on a background with the YUV color 150.9280, 22.2205, -80.6209.



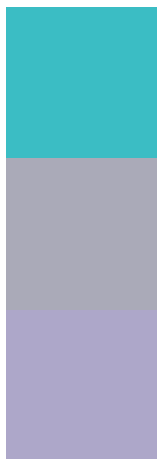
This preview shows how white text looks on a background with the YUV color 150.9280, 22.2205, -80.6209.

-80.6209.

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

150.9280, 22.2205, -80.6209

Protanopia

171.5960, 6.1152, -1.3997

Deuteranopia

172.6700, 13.9667, 0.2894



Tritanopia

152.3350, 24.9778, -78.3468

Trichromacy



Original Color

150.9280, 22.2205, -80.6209

Protanomaly

164.2010, 11.7329, -29.9943

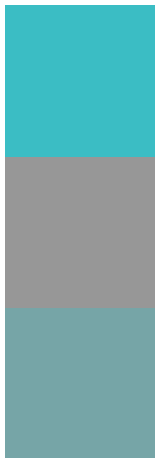
Deuteranomaly

164.8790, 16.8217, -28.8349

Tritanomaly

151.6940, 23.8149, -78.6616

Monochromacy



Original Color

150.9280, 22.2205, -80.6209

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.1750, 7.8017, -29.0945

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.9280, 22.2205, -80.6209 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(59, 189, 196)` looks like.

```
.text, #text, p{  
    color:rgb(59, 189, 196)  
}
```

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(59, 189, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 189, 196) }
```

Border

The CSS property to change the border of an element to YUV 150.9280, 22.2205, -80.6209 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(59, 189, 196) }
```


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

```
.border{ border-color:rgb(59, 189, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 189, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 189, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 189, 196);  
box-shadow:4px 4px 4px 4px rgb(59, 189,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 150.9280, 22.2205, -80.6209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 189, 196) }
```

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

```
.background{ background-color: rgb(59, 189,  
196) }
```

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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