

Converting Colors

YUV(166.2020, 29.9734,
-94.0162)

Have a look what the booklet for
YUV(166.2020, 29.9734, -94.0162)
contains.

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Color

**YUV(166.2020, 29.9734,
-94.0162)**

Conversions

Conversions Part 1

Format	Color
Hex	3BD1E3
RGB	59, 209, 227
RGB Percent	23%, 82%, 89%
CMY	0.7686, 0.1804, 0.1098
CMYK	0.74, 0.08, 0.00, 0.11
HSL	186°, 75%, 56%
HSV	186°, 74%, 89%
XYZ	38.4692, 52.0768, 80.6973
YIQ	166.2020, -95.1780, -26.2020

Conversions

Conversions Part 2

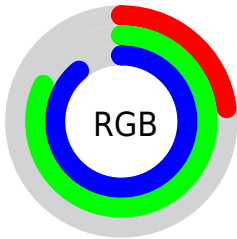
Format	Color
RYB	59, 138, 227
Decimal	3920355
CIELab	77.33, -32.42, -20.09
CIELCh	77, 38.136, 211.781
Yxy	52.0768, 0.2246, 0.3041
Android (android.graphics.Color)	4282110435 (0xFF3BD1E3)
YUV	166.2020, 29.9734, -94.0162
Hunter-Lab	72.1642, -31.1329, -15.7858

Details

The YUV color **166.2020, 29.9734, -94.0162** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **119.7980, -29.9734, 94.0162**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.6250, 18.4259, -76.8471**, and **110.0060, 30.5630, -96.4753** is the 20% darker color. If you saturate the color by 10%, you get **158.1510, 33.9426, -107.1264**, and if you desaturate by 10%, it is **174.2530, 26.0043, -80.9059**.

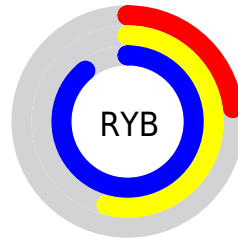
Distribution



Red (23%)

Green (82%)

Blue (89%)



Red (23%)

Yellow (54%)

Blue (89%)

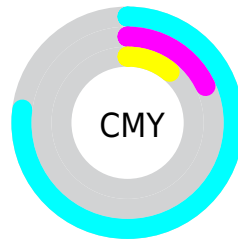


Cyan (74%)

Magenta (8%)

Yellow (0%)

Black (11%)



Cyan (77%)

Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2020, 29.9734, -94.0162 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 166.2020, 29.9734, -94.0162 by changing the saturation by 10% instead.

166.2020, 29.9734,
-94.0162

166.2020, 29.9734,
-94.0162

255.0000, 0.0000,
0.0000

128.9330, 34.5430,
-113.0742

217.6250, 18.4259,
-76.8471

110.0060, 30.5630,
-96.4753

227.1930, 13.7089,
-57.1743

91.6660, 26.2937,
-80.3911

236.4620, 9.1392,
-38.1162

73.4400, 22.4611,
-64.4069

245.7310, 4.5696,
-19.0581

56.6160, 18.9233,
-49.6522

39.7920, 15.3855,
-34.8976

26.0170, 10.8376,

-22.8169

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 166.2020, 29.9734,
-94.0162

■ 166.2020, 29.9734,
-94.0162

■ 158.1510, 33.9426,
-107.1264

■ 174.2530, 26.0043,
-80.9059

■ 149.8120, 38.0537,
-119.1071

■ 182.5920, 21.8931,
-68.9252

■ 145.0390, 40.4068,
-127.1992

■ 190.6430, 17.9240,
-55.8149

■ 199.2810, 13.6655,
-43.2194

■ 207.3320, 9.6963,
-30.1092

■ 215.6710, 5.5852,
-18.1285

■ 223.7220, 1.6161,
-5.0182

■ 231.7730, -2.3531,
8.0921

■ 237.7200, -5.2850,
15.1546

Harmonies

Analogous

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



171.7690, 9.9739, -72.5884



166.2020, 29.9734, -94.0162



174.2010, 38.3549, -75.5983

Triad

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



166.2020, 29.9734, -94.0162



196.0150, 14.2896, 36.8208



188.8970, -33.9662, 21.1383

Complementary

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



166.2020, 29.9734, -94.0162



119.7980, -29.9734, 94.0162

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.



191.0770, -30.1110, 44.6595



166.2020, 29.9734, -94.0162



194.1730, -2.0573, 53.3453

Square

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



166.2020, 29.9734, -94.0162



194.0630, 28.0699, 3.4527



192.0580, -17.7766, 55.2001



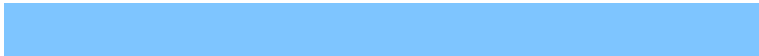
184.5450, -26.8907, -8.3710

Rectangle

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



166.2020, 29.9734, -94.0162



182.3830, 35.8002, -49.4479



192.0580, -17.7766, 55.2001



189.3650, -33.7039, 30.3749

Sweetspot

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



166.2020, 29.9734, -94.0162



234.7340, 9.9911, -31.3387



159.5540, -41.1921, -88.1859



115.4860, 6.1694, -18.8432



0.0000, 0.0000, 0.0000



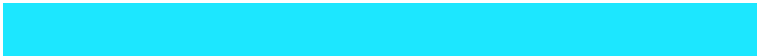
128.0000, 0.0000, 0.0000

Same Dimension

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



166.2020, 29.9734, -94.0162



173.0390, 40.4068, -127.1992



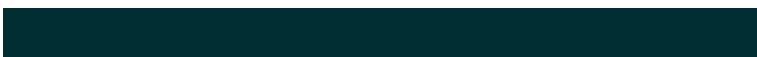
117.4810, 53.9929, -51.2878



110.8250, 2.0583, -6.8625



113.7390, 32.1737, -99.7491



32.8160, 8.9647, -28.7796

Inverse Universe

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



126.3320, 40.7553, 88.2858



119.0150, 55.2086, 119.2588



168.5190, -53.9929, 51.2878



107.8420, 3.0359, 6.2776



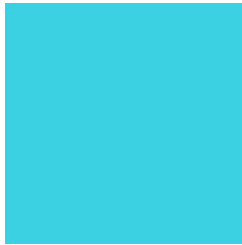
71.6470, 43.0650, 94.1486



20.4930, 12.5750, 26.7546

Previews

White Background



This preview shows how the YUV color 166.2020, 29.9734, -94.0162 looks on a white background.

Color Contrast Check

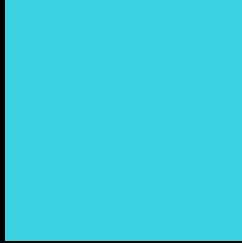
Large Text (above 18pt) WCAG AA × Fail

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 166.2020, 29.9734, -94.0162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

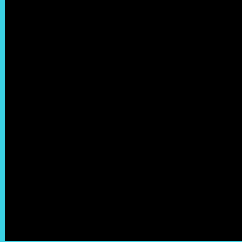
Any Text WCAG AA ✓ Pass

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 166.2020, 29.9734, -94.0162 Background



This preview shows how black text looks on a background with the YUV color 166.2020, 29.9734, -94.0162.

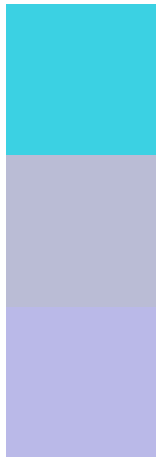


This preview shows how white text looks on a background with the YUV color 166.2020, 29.9734, -94.0162.

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

166.2020, 29.9734, -94.0162

Protanopia

190.2520, 11.2148, -3.7290

Deuteranopia

190.6570, 20.3821, -4.0842



Tritanopia

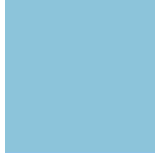
165.7890, 29.6840, -94.5310

Trichromacy



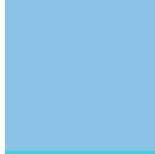
Original Color

166.2020, 29.9734, -94.0162



Protanomaly

181.7640, 17.8643, -36.6270



Deuteranomaly

181.9580, 23.6847, -36.7972



Tritanomaly

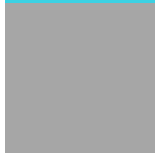
165.7890, 29.6840, -94.5310

Monochromacy



Original Color

166.2020, 29.9734, -94.0162



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

166.2390, 10.7282, -34.4126

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2020, 29.9734, -94.0162 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, 209, 227)` looks like.

```
.text, #text, p{  
    color:rgb(59, 209, 227)  
}
```

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, 209, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 209, 227) }
```

Border

The CSS property to change the border of an element to YUV 166.2020, 29.9734, -94.0162 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, 209, 227) }
```


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

```
.border{ border-color:rgb(59, 209, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 209, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 209, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 209, 227);  
box-shadow:4px 4px 4px 4px rgb(59, 209,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 166.2020, 29.9734, -94.0162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 209, 227) }
```

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

```
.background{ background-color: rgb(59, 209,  
227) }
```

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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