

Converting Colors

YUV(165.4160, 42.1929,
-93.3268)

Have a look what the booklet for
YUV(165.4160, 42.1929, -93.3268)
contains.

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Color

**YUV(165.4160, 42.1929,
-93.3268)**

Conversions

Conversions Part 1

Format	Color
Hex	3BCBFB
RGB	59, 203, 251
RGB Percent	23%, 80%, 98%
CMY	0.7686, 0.2039, 0.0157
CMYK	0.76, 0.19, 0.00, 0.02
HSL	195°, 96%, 61%
HSV	195°, 76%, 98%
XYZ	40.5722, 50.6067, 98.8965
YIQ	165.4160, -101.2320, -15.6000

Conversions

Conversions Part 2

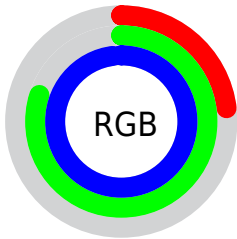
Format	Color
R _Y B	59, 141, 251
Decimal	3918843
CIE Lab	76.44, -21.98, -34.31
CIE LCh	76, 40.744, 237.358
Yxy	50.6067, 0.2135, 0.2662
Android (android.graphics.Color)	4282108923 (0xFF3BCBFB)
YUV	165.4160, 42.1929, -93.3268
Hunter-Lab	71.1384, -22.6888, -32.6280

Details

The YUV color **165.4160, 42.1929, -93.3268** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **144.5840, -42.1929, 93.3268**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5220, 17.9837, -75.0028**, and **109.5790, 41.6196, -96.1008** is the 20% darker color. If you saturate the color by 10%, you get **154.4190, 47.6144, -105.6075**, and if you desaturate by 10%, it is **176.4130, 36.7714, -81.0462**.

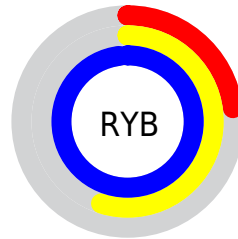
Distribution



Red (23%)

Green (80%)

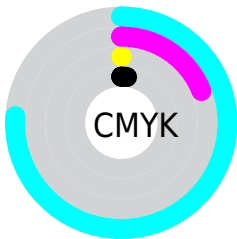
Blue (98%)



Red (23%)

Yellow (55%)

Blue (98%)

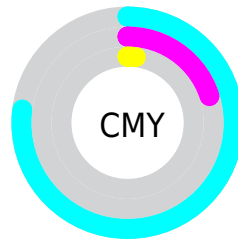


Cyan (76%)

Magenta (19%)

Yellow (0%)

Black (2%)



Cyan (77%)

Magenta (20%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.4160, 42.1929, -93.3268 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 165.4160, 42.1929, -93.3268 by changing the saturation by 10% instead.

■ 165.4160, 42.1929,
-93.3268

■ 165.4160, 42.1929,
-93.3268

255.0000, 0.0000,
0.0000

■ 128.0330, 46.3257,
-112.2849

■ 218.5220, 17.9837,
-75.0028

■ 109.5790, 41.6196,
-96.1008

■ 228.0900, 13.2666,
-55.3299

■ 91.2390, 37.3502,
-80.0166

■ 237.6580, 8.5496,
-35.6571

■ 73.4860, 32.7914,
-64.4472

■ 246.9270, 3.9800,
-16.5990

■ 56.5480, 28.8168,
-49.5926

■ 40.1970, 24.5529,
-35.2528

■ 26.3080, 19.5682,

-23.0721

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 165.4160, 42.1929,
-93.3268

■ 165.4160, 42.1929,
-93.3268

■ 154.4190, 47.6144,
-105.6075

■ 176.4130, 36.7714,
-81.0462

■ 142.8350, 53.3253,
-117.3733

■ 187.9970, 31.0605,
-69.2804

■ 138.9700, 55.2308,
-121.8767

■ 198.9940, 25.6390,
-56.9997

■ 209.9910, 20.2174,
-44.7191

■ 221.2870, 14.6485,
-31.8237

■ 232.8710, 8.9376,
-20.0579

■ 243.8680, 3.5161,
-7.7772

■ 253.3700, -1.1684,
1.4295

■ 254.5440, -1.7472,
0.3999

Harmonies

Analogous

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



155.1780, 32.9432, -113.2891



165.4160, 42.1929, -93.3268



180.6330, 36.6629, -46.1591

Triad

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



165.4160, 42.1929, -93.3268



191.5800, 0.7001, 55.6193



182.5410, -30.8327, -3.9825

Complementary

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



165.4160, 42.1929, -93.3268



144.5840, -42.1929, 93.3268

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.



186.0610, -36.0191, 26.2565



165.4160, 42.1929, -93.3268



189.1230, -16.3296, 57.7741

Square

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



165.4160, 42.1929, -93.3268



193.9160, 17.7894, 34.2767



188.8820, -31.0008, 50.0925



176.8600, -14.7210, -38.4652

Rectangle

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



165.4160, 42.1929, -93.3268



188.1960, 32.9344, -16.8349



188.8820, -31.0008, 50.0925



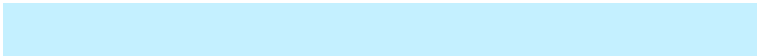
183.5100, -33.7754, 6.5687

Sweetspot

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



165.4160, 42.1929, -93.3268



228.5540, 13.0379, -28.5499



177.1760, -34.5968, -103.6404



111.9530, 7.9112, -17.4988



0.0000, 0.0000, 0.0000



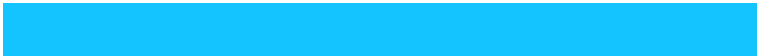
128.0000, 0.0000, 0.0000

Same Dimension

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



165.4160, 42.1929, -93.3268



150.1020, 51.7147, -114.0995



109.0640, 69.9744, -43.9061



119.3520, 2.7845, -6.4477



104.9000, 41.4613, -91.9973



33.9560, 13.3327, -29.7794

Inverse Universe

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



132.8240, 34.5968, 103.6404



110.3290, 42.2358, 126.8765



200.9360, -69.9744, 43.9061



117.0270, 2.4517, 6.9923



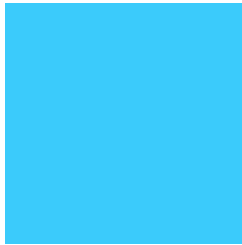
72.6990, 34.1654, 101.9960



23.4830, 11.1009, 32.9024

Previews

White Background



This preview shows how the YUV color 165.4160, 42.1929, -93.3268 looks on a white background.

Color Contrast Check

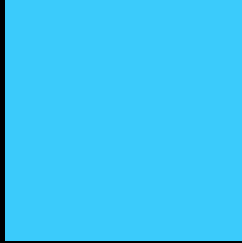
Large Text (above 18pt) WCAG AA × Fail

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 165.4160, 42.1929, -93.3268 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

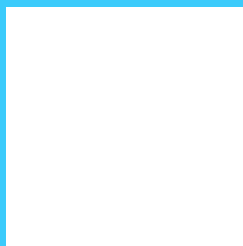
Any Text WCAG AAA ✓ Pass

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

YUV 165.4160, 42.1929, -93.3268 Background



This preview shows how black text looks on a background with the YUV color 165.4160, 42.1929, -93.3268.



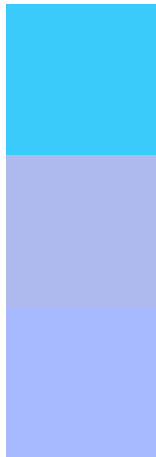
This preview shows how white text looks on a background with the YUV color 165.4160, 42.1929, -93.3268.

-93.3268.

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

165.4160, 42.1929, -93.3268

Protanopia

187.7530, 24.7718, -12.0614

Deuteranopia

187.5980, 33.2292, -18.0644



Tritanopia

156.7160, 33.6640, -111.1299

Trichromacy



Original Color

165.4160, 42.1929, -93.3268



Protanomaly

179.8740, 31.1211, -41.9855



Deuteranomaly

179.9320, 36.5155, -45.5444



Tritanomaly

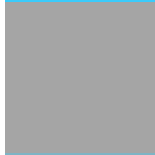
159.8570, 36.5525, -104.2376

Monochromacy



Original Color

165.4160, 42.1929, -93.3268



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

165.0910, 15.2381, -34.2828

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.4160, 42.1929, -93.3268 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, 203, 251)` looks like.

```
.text, #text, p{  
    color:rgb(59, 203, 251)  
}
```

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, 203, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 203, 251) }
```

Border

The CSS property to change the border of an element to YUV 165.4160, 42.1929, -93.3268 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, 203, 251) }
```


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

```
.border{ border-color:rgb(59, 203, 251) }
```

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

Here you see how a box with a 4 pixel rgb(59, 203, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 203, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 203, 251);  
box-shadow:4px 4px 4px 4px rgb(59, 203,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 165.4160, 42.1929, -93.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 203, 251) }
```

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

```
.background{ background-color: rgb(59, 203,  
251) }
```

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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