

Converting Colors

YUV(165.5470, 40.1563,
-93.4417)

Have a look what the booklet for
YUV(165.5470, 40.1563, -93.4417)
contains.

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Color

**YUV(165.5470, 40.1563,
-93.4417)**

Conversions

Conversions Part 1

Format	Color
Hex	3BCCF7
RGB	59, 204, 247
RGB Percent	23%, 80%, 97%
CMY	0.7686, 0.2000, 0.0314
CMYK	0.76, 0.17, 0.00, 0.03
HSL	194°, 92%, 60%
HSV	194°, 76%, 97%
XYZ	40.1850, 50.8309, 95.6891
YIQ	165.5470, -100.2230, -17.3670

Conversions

Conversions Part 2

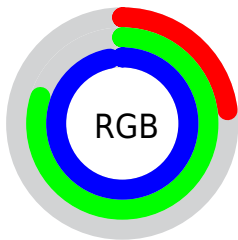
Format	Color
R _Y B	59, 141, 247
Decimal	3919095
CIE Lab	76.58, -23.77, -31.96
CIE LCh	77, 39.825, 233.363
Yxy	50.8309, 0.2152, 0.2723
Android (android.graphics.Color)	4282109175 (0xFF3BCCF7)
YUV	165.5470, 40.1563, -93.4417
Hunter-Lab	71.2958, -24.1584, -29.6685

Details

The YUV color **165.5470, 40.1563, -93.4417** 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 **140.4530, -40.1563, 93.4417**, 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 **109.7100, 39.5830, -96.2157** is the 20% darker color. If you saturate the color by 10%, you get **154.5500, 45.5778, -105.7224**, and if you desaturate by 10%, it is **176.5440, 34.7348, -81.1611**.

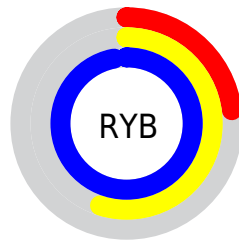
Distribution



Red (23%)

Green (80%)

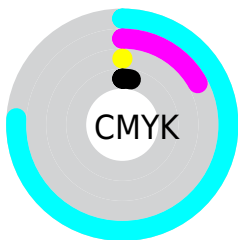
Blue (97%)



Red (23%)

Yellow (55%)

Blue (97%)

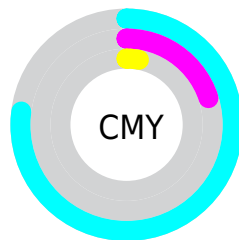


Cyan (76%)

Magenta (17%)

Yellow (0%)

Black (3%)



Cyan (77%)

Magenta (20%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.5470, 40.1563, -93.4417 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 165.5470, 40.1563, -93.4417 by changing the saturation by 10% instead.

■ 165.5470, 40.1563,
-93.4417

■ 165.5470, 40.1563,
-93.4417

■ 255.0000, 0.0000,
0.0000

■ 128.1640, 44.2891,
-112.3998

■ 218.5220, 17.9837,
-75.0028

■ 109.7100, 39.5830,
-96.2157

■ 228.0900, 13.2666,
-55.3299

■ 91.3700, 35.3136,
-80.1315

■ 237.3590, 8.6970,
-36.2718

■ 73.7310, 31.1916,
-64.6621

■ 246.9270, 3.9800,
-16.5990

■ 56.0920, 27.0696,
-49.1927

■ 39.8550, 23.2425,
-34.9528

■ 25.9660, 18.2578,

-22.7722

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 165.5470, 40.1563,
-93.4417

■ 165.5470, 40.1563,
-93.4417

■ 154.5500, 45.5778,
-105.7224

■ 176.5440, 34.7348,
-81.1611

■ 144.4390, 50.5626,
-117.9030

■ 186.6550, 29.7501,
-68.9804

■ 140.2750, 52.6154,
-123.0212

■ 197.6520, 24.3286,
-56.6998

■ 208.6490, 18.9070,
-44.4192

■ 218.7600, 13.9223,
-32.2385

■ 229.7570, 8.5008,
-19.9579

■ 240.7540, 3.0793,
-7.6773

■ 250.5660, -1.7580,
3.8886

■ 254.0880, -3.4944,
0.7998

Harmonies

Analogous

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



160.2890, 27.9585, -101.1085



165.5470, 40.1563, -93.4417



180.0130, 36.9686, -50.8774

Triad

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



165.5470, 40.1563, -93.4417



193.4380, 2.7421, 53.9899



183.7480, -31.4278, 0.2210

Complementary

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



165.5470, 40.1563, -93.4417



140.4530, -40.1563, 93.4417

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.



187.3110, -35.1563, 29.5453



165.5470, 40.1563, -93.4417



189.8070, -13.7089, 57.1743

Square

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



165.5470, 40.1563, -93.4417



193.9370, 19.2581, 29.8733



189.4630, -28.8223, 51.3369



178.3230, -16.9212, -32.7323

Rectangle

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



165.5470, 40.1563, -93.4417



187.5760, 33.2400, -21.5532



189.4630, -28.8223, 51.3369



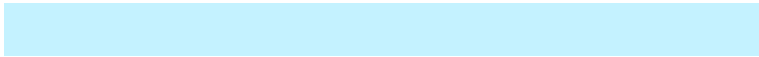
184.8310, -33.9337, 10.6722

Sweetspot

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



165.5470, 40.1563, -93.4417



229.7280, 12.4591, -29.5795



174.0300, -36.4968, -100.8813



111.9530, 7.9112, -17.4988



0.0000, 0.0000, 0.0000



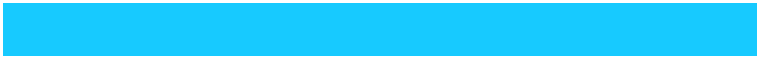
128.0000, 0.0000, 0.0000

Same Dimension

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



165.5470, 40.1563, -93.4417



154.5210, 49.5361, -115.3439



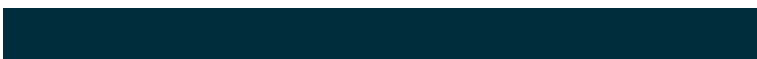
111.5430, 66.7803, -46.0802



117.2380, 2.3477, -6.3477



105.7320, 39.5721, -92.7270



33.1410, 12.7485, -29.0647

Inverse Universe

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



131.7420, 35.6232, 101.0813



112.7740, 43.9884, 124.7322



194.4570, -66.7803, 46.0802



114.7280, 2.5991, 6.3775



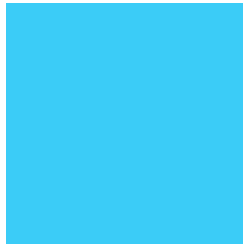
72.0300, 35.4812, 99.9517



22.7710, 10.9589, 31.7728

Previews

White Background



This preview shows how the YUV color 165.5470, 40.1563, -93.4417 looks on a white background.

Color Contrast Check

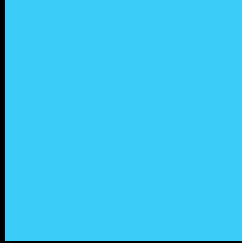
Large Text (above 18pt) WCAG AA × Fail

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 165.5470, 40.1563, -93.4417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

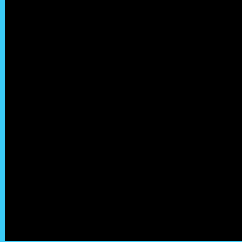
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.5470, 40.1563, -93.4417

Background



This preview shows how black text looks on a background with the YUV color 165.5470, 40.1563, -93.4417.



This preview shows how white text looks on a background with the YUV color 165.5470, 40.1563, -93.4417.

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

165.5470, 40.1563, -93.4417

Protanopia

188.4820, 22.4404, -10.9467

Deuteranopia

188.0390, 31.0398, -15.8202



Tritanopia

158.8090, 32.6322, -106.8265

Trichromacy



Original Color

165.5470, 40.1563, -93.4417

Protanomaly

180.3040, 28.9371, -41.4856

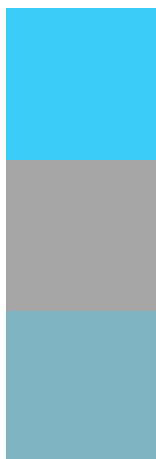
Deuteranomaly

180.0740, 34.4735, -43.9149

Tritanomaly

161.5260, 35.2367, -102.1933

Monochromacy



Original Color

165.5470, 40.1563, -93.4417

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.8630, 14.3645, -34.0829

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.5470, 40.1563, -93.4417 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, 204, 247)` looks like.

```
.text, #text, p{  
    color:rgb(59, 204, 247)  
}
```

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, 204, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 204, 247) }
```

Border

The CSS property to change the border of an element to YUV 165.5470, 40.1563, -93.4417 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, 204, 247) }
```


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

```
.border{ border-color:rgb(59, 204, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 204, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 204, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 204, 247);  
box-shadow:4px 4px 4px 4px rgb(59, 204,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 165.5470, 40.1563, -93.4417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 204, 247) }
```

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

```
.background{ background-color: rgb(59, 204,  
247) }
```

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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