

Converting Colors

YUV(165.7320, 39.5721,
-92.7270)

Have a look what the booklet for
YUV(165.7320, 39.5721, -92.7270)
contains.

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Color

**YUV(165.7320, 39.5721,
-92.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	3CCCCF6
RGB	60, 204, 246
RGB Percent	24%, 80%, 96%
CMY	0.7647, 0.2000, 0.0353
CMYK	0.76, 0.17, 0.00, 0.04
HSL	194°, 91%, 60%
HSV	194°, 76%, 96%
XYZ	40.0909, 50.8002, 94.8812
YIQ	165.7320, -99.3060, -17.4660

Conversions

Conversions Part 2

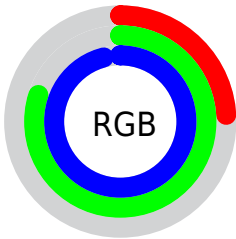
Format	Color
RYB	60, 141, 246
Decimal	3984630
CIELab	76.56, -23.98, -31.45
CIElCh	77, 39.547, 232.676
Yxy	50.8002, 0.2158, 0.2735
Android (android.graphics.Color)	4282174710 (0xFF3CCC66)
YUV	165.7320, 39.5721, -92.7270
Hunter-Lab	71.2743, -24.3259, -29.0356

Details

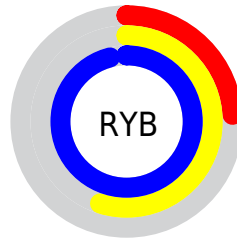
The YUV color **165.7320, 39.5721, -92.7270** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **140.2680, -39.5721, 92.7270**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

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 **154.7350, 44.9936, -105.0076**, and if you desaturate by 10%, it is **176.7290, 34.1506, -80.4463**.

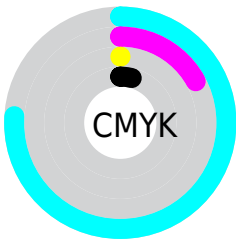
Distribution



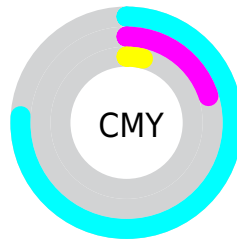
- Red (24%)
- Green (80%)
- Blue (96%)



- Red (24%)
- Yellow (55%)
- Blue (96%)



- Cyan (76%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)



- Cyan (76%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.7320, 39.5721, -92.7270 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 165.7320, 39.5721, -92.7270 by changing the saturation by 10% instead.

■ 165.7320, 39.5721,
-92.7270

■ 165.7320, 39.5721,
-92.7270

■ 255.0000, 0.0000,
0.0000

■ 128.0500, 43.8523,
-112.2999

■ 218.5220, 17.9837,
-75.0028

■ 109.7100, 39.5830,
-96.2157

■ 228.0900, 13.2666,
-55.3299

■ 91.2560, 34.8768,
-80.0315

■ 237.3590, 8.6970,
-36.2718

■ 73.6170, 30.7548,
-64.5621

■ 246.9270, 3.9800,
-16.5990

■ 55.9780, 26.6328,
-49.0927

■ 39.7410, 22.8057,
-34.8529

■ 25.8520, 17.8210,

-22.6722

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 165.7320, 39.5721,
-92.7270

■ 165.7320, 39.5721,
-92.7270

■ 154.7350, 44.9936,
-105.0076

■ 176.7290, 34.1506,
-80.4463

■ 144.6240, 49.9784,
-117.1882

■ 186.8400, 29.1659,
-68.2657

■ 139.5740, 52.4680,
-122.4064

■ 197.8370, 23.7444,
-55.9850

■ 207.9480, 18.7596,
-43.8044

■ 218.9450, 13.3381,
-31.5238

■ 229.3550, 8.2060,
-18.7283

■ 240.0530, 2.9319,
-7.0625

■ 249.8650, -1.9054,
4.5034

■ 253.3870, -3.6418,
1.4146

Harmonies

Analogous

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



161.0720, 27.0795, -99.1641



165.7320, 39.5721, -92.7270



179.7140, 37.1160, -51.4922

Triad

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



165.7320, 39.5721, -92.7270



193.1390, 2.8895, 53.3751



183.4600, -31.2858, 1.3506

Complementary

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



165.7320, 39.5721, -92.7270



140.2680, -39.5721, 92.7270

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



165.7320, 39.5721, -92.7270



189.9210, -13.2721, 57.0743

Square

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



165.7320, 39.5721, -92.7270



194.0400, 19.7003, 28.0289



189.5770, -28.3855, 51.2370



178.8070, -17.6529, -31.4027

Rectangle

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



165.7320, 39.5721, -92.7270



187.2770, 33.3874, -22.1679



189.5770, -28.3855, 51.2370



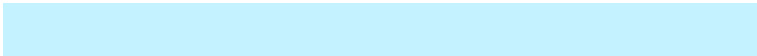
185.2440, -33.6443, 11.1870

Sweetspot

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



165.7320, 39.5721, -92.7270



229.7280, 12.4591, -29.5795



173.7420, -36.3548, -99.7517



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.



165.7320, 39.5721, -92.7270



155.1080, 49.2468, -115.8587



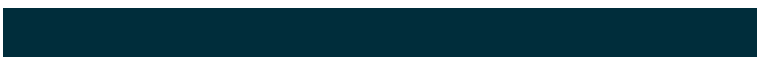
112.3150, 65.9067, -45.8803



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.



132.0300, 35.4812, 99.9517



112.8880, 44.4252, 124.6322



193.6850, -65.9067, 45.8803



114.7280, 2.5991, 6.3775



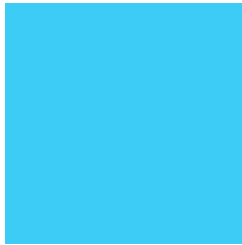
72.0300, 35.4812, 99.9517



22.7710, 10.9589, 31.7728

Previews

White Background



This preview shows how the YUV color 165.7320, 39.5721, -92.7270 looks on a white background.

Color Contrast Check

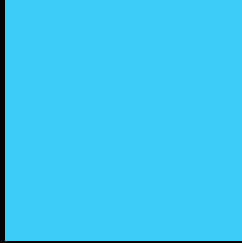
Large Text (above 18pt) WCAG AA × Fail

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 165.7320, 39.5721, -92.7270 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 165.7320, 39.5721, -92.7270

Background



This preview shows how black text looks on a background with the YUV color 165.7320, 39.5721, -92.7270.



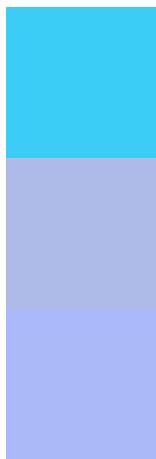
This preview shows how white text looks on a background with the YUV color 165.7320, 39.5721, -92.7270.

-92.7270.

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

165.7320, 39.5721, -92.7270

Protanopia

188.3680, 22.0036, -10.8467

Deuteranopia

188.2240, 30.4556, -15.1054



Tritanopia

159.7060, 32.1899, -104.9822

Trichromacy



Original Color

165.7320, 39.5721, -92.7270



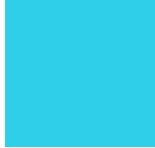
Protanomaly

180.4890, 28.3529, -40.7709



Deuteranomaly

180.2590, 33.8893, -43.2001



Tritanomaly

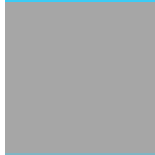
162.1240, 34.9419, -100.9637

Monochromacy



Original Color

165.7320, 39.5721, -92.7270



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 165.7320, 39.5721, -92.7270 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(60, 204, 246)` looks like.

```
.text, #text, p{  
    color:rgb(60, 204, 246)  
}
```

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(60, 204, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 204, 246) }
```

Border

The CSS property to change the border of an element to YUV 165.7320, 39.5721, -92.7270 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(60, 204, 246) }
```


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

```
.border{ border-color:rgb(60, 204, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 204, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 204, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 204, 246);  
box-shadow:4px 4px 4px 4px rgb(60, 204,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 165.7320, 39.5721, -92.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 204, 246) }
```

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

```
.background{ background-color: rgb(60, 204,  
246) }
```

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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