

Converting Colors

YUV(150.1520, 42.8161,
-59.7693)

Have a look what the booklet for
YUV(150.1520, 42.8161, -59.7693)
contains.

YUV(150.1520, 42.8161, -59.7693)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(150.1520, 42.8161,
-59.7693)**

Conversions

Conversions Part 1

Format	Color
Hex	52A8ED
RGB	82, 168, 237
RGB Percent	32%, 66%, 93%
CMY	0.6784, 0.3412, 0.0706
CMYK	0.65, 0.29, 0.00, 0.07
HSL	207°, 81%, 63%
HSV	207°, 65%, 93%
XYZ	32.7684, 35.9135, 85.3257
YIQ	150.1520, -73.4050, 3.2270

Conversions

Conversions Part 2

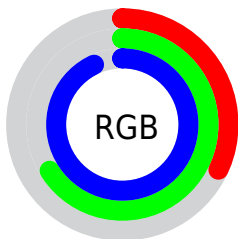
Format	Color
R _Y B	82, 137, 237
Decimal	5417197
CIE Lab	66.45, -4.81, -42.23
CIE LCh	66, 42.501, 263.506
Yxy	35.9135, 0.2128, 0.2332
Android (android.graphics.Color)	4283607277 (0xFF52A8ED)
YUV	150.1520, 42.8161, -59.7693
Hunter-Lab	59.9279, -7.2706, -42.4679

Details

The YUV color **150.1520, 42.8161, -59.7693** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **168.8480, -42.8161, 59.7693**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.3260, 25.4753, -51.1519**, and **88.7260, 45.4911, -77.8127** is the 20% darker color. If you saturate the color by 10%, you get **136.5190, 49.5371, -68.8612**, and if you desaturate by 10%, it is **163.7850, 36.0950, -50.6774**.

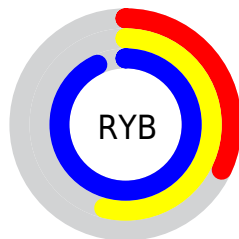
Distribution



Red (32%)

Green (66%)

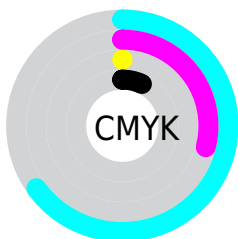
Blue (93%)



Red (32%)

Yellow (54%)

Blue (93%)

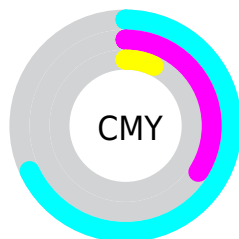


Cyan (65%)

Magenta (29%)

Yellow (0%)

Black (7%)



Cyan (68%)

Magenta (34%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.1520, 42.8161, -59.7693 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 150.1520, 42.8161, -59.7693 by changing the saturation by 10% instead.

■ 150.1520, 42.8161,
-59.7693

■ 150.1520, 42.8161,
-59.7693

255.0000, 0.0000,
0.0000

■ 120.3360, 43.7114,
-66.9467

■ 203.3260, 25.4753,
-51.1519

■ 88.7260, 45.4911,
-77.8127

■ 228.7320, 12.9501,
-47.1230

■ 71.5600, 40.6429,
-62.7581

■ 240.0500, 7.3704,
-30.7388

■ 54.9810, 35.5054,
-48.2183

■ 249.3190, 2.8007,
-11.6808

■ 39.2170, 30.9520,
-34.3933

■ 24.6270, 25.8199,
-21.5979

■ 9.0910, 22.1401,

-7.9728

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 150.1520, 42.8161,
-59.7693

■ 150.1520, 42.8161,
-59.7693

■ 136.5190, 49.5371,
-68.8612

■ 163.7850, 36.0950,
-50.6774

■ 123.7720, 55.8214,
-77.8530

■ 176.5320, 29.8107,
-41.6856

■ 110.1390, 62.5425,
-86.9449

■ 190.1650, 23.0897,
-32.5937

■ 103.9150, 65.6109,
-91.1335

■ 203.2110, 16.6580,
-22.9870

■ 216.5450, 10.0843,
-14.5100

■ 229.5910, 3.6526,
-4.9033

■ 243.2240, -3.0684,
4.1886

■ 251.1870, -6.9942,
3.3440

■ 252.9480, -7.8624,
1.7996

Harmonies

Analogous

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



129.2070, 45.7469, -113.3145



150.1520, 42.8161, -59.7693



163.1800, 33.9283, -8.9279

Triad

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



150.1520, 42.8161, -59.7693



163.1990, -14.8881, 62.0925



149.8990, -17.2052, -34.9914

Complementary

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



150.1520, 42.8161, -59.7693



168.8480, -42.8161, 59.7693

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.



155.8080, -32.4433, -0.7086



150.1520, 42.8161, -59.7693



161.5340, -29.8433, 52.1517

Square

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



150.1520, 42.8161, -59.7693



164.9760, 3.4628, 56.1490



159.5560, -36.7561, 29.3304



137.6280, 7.0854, -79.4808

Rectangle

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



150.1520, 42.8161, -59.7693



165.7660, 25.2584, 18.6222



159.5560, -36.7561, 29.3304



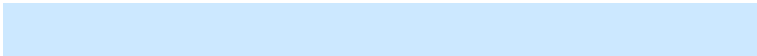
151.7820, -23.0635, -22.6108

Sweetspot

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



150.1520, 42.8161, -59.7693



226.2500, 14.1738, -19.5132



180.6230, -15.5901, -86.4924



110.5130, 8.6211, -11.8509



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.



150.1520, 42.8161, -59.7693



143.2560, 55.0898, -76.5235



105.5400, 64.8098, -20.6446



110.7760, 3.0684, -4.1886



79.3340, 50.1213, -69.5759



23.7660, 14.9054, -20.8428

Inverse Universe

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



138.1490, 14.7165, 86.6923



128.0410, 18.7138, 111.3430



213.4600, -64.8098, 20.6446



109.9730, 0.9993, 6.1627



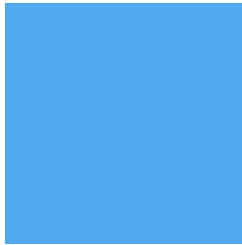
65.5190, 16.9991, 101.2768



19.5660, 5.1440, 30.1986

Previews

White Background



This preview shows how the YUV color 150.1520, 42.8161, -59.7693 looks on a white background.

Color Contrast Check

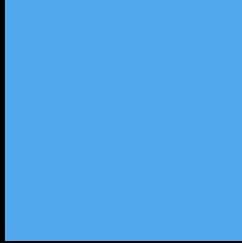
Large Text (above 18pt) WCAG AA × Fail

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 150.1520, 42.8161, -59.7693 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

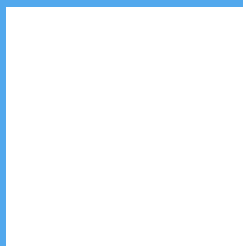
Any Text WCAG AAA ✓ Pass

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

YUV 150.1520, 42.8161, -59.7693 Background



This preview shows how black text looks on a background with the YUV color 150.1520, 42.8161, -59.7693.



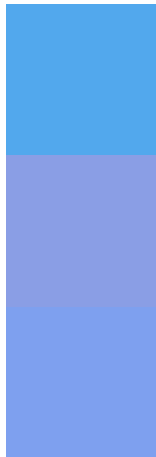
This preview shows how white text looks on a background with the YUV color 150.1520, 42.8161, -59.7693.

-59.7693.

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

150.1520, 42.8161, -59.7693

Protanopia

160.1140, 33.9608, -19.3940

Deuteranopia

158.8400, 39.5189, -28.8007



Tritanopia

142.4170, 23.9514, -75.7877

Trichromacy



Original Color

150.1520, 42.8161, -59.7693

Protanomaly

156.8240, 37.0618, -34.0486

Deuteranomaly

155.7030, 40.5724, -40.0815

Tritanomaly

145.2850, 30.9185, -70.4099

Monochromacy



Original Color

150.1520, 42.8161, -59.7693

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.2820, 15.6370, -22.1723

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.1520, 42.8161, -59.7693 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(82, 168, 237)` looks like.

```
.text, #text, p{  
    color:rgb(82, 168, 237)  
}
```

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(82, 168, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 168, 237) }
```

Border

The CSS property to change the border of an element to YUV 150.1520, 42.8161, -59.7693 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(82, 168, 237) }
```


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

```
.border{ border-color:rgb(82, 168, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 168, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 168, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 168, 237);  
box-shadow:4px 4px 4px 4px rgb(82, 168,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 150.1520, 42.8161, -59.7693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 168, 237) }
```

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

```
.background{ background-color: rgb(82, 168,  
237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor