

Converting Colors

YUV(162.1310, 41.3474,
-55.3659)

Have a look what the booklet for
YUV(162.1310, 41.3474, -55.3659)
contains.

YUV(162.1310, 41.3474, -55.3659)	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(162.1310, 41.3474,
-55.3659)**

Conversions

Conversions Part 1

Format	Color
Hex	63B2F6
RGB	99, 178, 246
RGB Percent	39%, 70%, 96%
CMY	0.6118, 0.3020, 0.0353
CMYK	0.60, 0.28, 0.00, 0.04
HSL	208°, 89%, 68%
HSV	208°, 60%, 96%
XYZ	37.7005, 41.1473, 93.1440
YIQ	162.1310, -68.9120, 4.4000

Conversions

Conversions Part 2

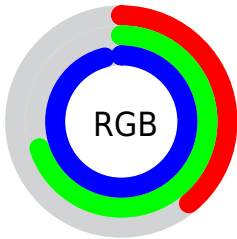
Format	Color
R _Y B	99, 150, 246
Decimal	6533878
CIE Lab	70.28, -4.52, -41.10
CIE LCh	70, 41.349, 263.724
Yxy	41.1473, 0.2192, 0.2392
Android (android.graphics.Color)	4284723958 (0xFF63B2F6)
YUV	162.1310, 41.3474, -55.3659
Hunter-Lab	64.1461, -7.3461, -41.1903

Details

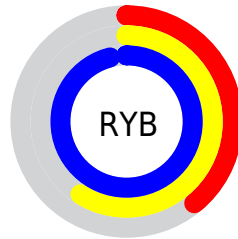
The YUV color **162.1310, 41.3474, -55.3659** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **182.8690, -41.3474, 55.3659**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.2680, 20.0809, -47.5930**, and **101.1890, 43.2908, -72.0798** is the 20% darker color. If you saturate the color by 10%, you get **148.1990, 48.2159, -65.0725**, and if you desaturate by 10%, it is **176.0630, 34.4789, -45.6593**.

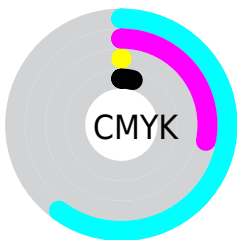
Distribution



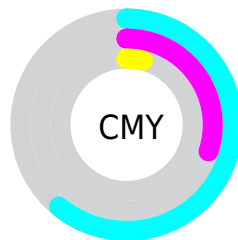
- Red (39%)
- Green (70%)
- Blue (96%)



- Red (39%)
- Yellow (59%)
- Blue (96%)



- Cyan (60%)
- Magenta (28%)
- Yellow (0%)
- Black (4%)



- Cyan (61%)
- Magenta (30%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.1310, 41.3474, -55.3659 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 162.1310, 41.3474, -55.3659 by changing the saturation by 10% instead.

■ 162.1310, 41.3474,
-55.3659

■ 162.1310, 41.3474,
-55.3659

■ 255.0000, 0.0000,
0.0000

■ 133.1090, 41.3583,
-58.8546

■ 214.2680, 20.0809,
-47.5930

■ 101.1890, 43.2908,
-72.0798

■ 235.5650, 9.5815,
-39.9605

■ 77.7550, 41.5328,
-68.1911

■ 244.5350, 5.1592,
-21.5172

■ 60.7030, 37.1214,
-53.2365

■ 253.5050, 0.7370,
-3.0739

■ 44.8250, 32.1313,
-39.3115

■ 29.6480, 27.2885,
-26.0013

■ 11.7640, 24.7663,

-10.3170

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 162.1310, 41.3474,
-55.3659

■ 162.1310, 41.3474,
-55.3659

■ 148.1990, 48.2159,
-65.0725

■ 176.0630, 34.4789,
-45.6593

■ 133.9790, 55.2264,
-73.6496

■ 190.2830, 27.4685,
-37.0822

■ 120.0470, 62.0948,
-83.3562

■ 204.2150, 20.6000,
-27.3756

■ 105.8270, 69.1053,
-91.9333

■ 218.4350, 13.5895,
-18.7985

■ 105.5280, 69.2527,
-92.5481

■ 232.3670, 6.7211,
-9.0919

■ 246.2990, -0.1474,
0.6148

■ 253.9740, -3.9312,
0.8998

Harmonies

Analogous

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



136.1030, 46.7842, -119.3623



162.1310, 41.3474, -55.3659



173.3650, 33.3441, -8.2131

Triad

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



162.1310, 41.3474, -55.3659



173.9000, -14.7407, 61.4777



160.6110, -17.0632, -33.8618

Complementary

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



162.1310, 41.3474, -55.3659



182.8690, -41.3474, 55.3659

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.



166.2210, -32.1540, -0.1938



162.1310, 41.3474, -55.3659



172.3490, -29.2591, 51.4369

Square

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



162.1310, 41.3474, -55.3659



175.7370, 2.5947, 54.6047



169.6700, -36.3193, 29.2304



150.6180, 5.6113, -73.3330

Rectangle

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



162.1310, 41.3474, -55.3659



176.5380, 24.3848, 18.8222



169.6700, -36.3193, 29.2304



162.7820, -23.0635, -22.6108

Sweetspot

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



162.1310, 41.3474, -55.3659



228.9190, 12.8579, -17.4690



192.8130, -13.7118, -82.2740



111.6980, 8.0369, -11.1361



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.



162.1310, 41.3474, -55.3659



150.0890, 51.7211, -69.3611



119.8670, 62.1836, -18.3004



115.4770, 3.2158, -4.8033



79.9040, 52.3053, -70.0758



25.5100, 16.5106, -22.3723

Inverse Universe

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



151.9590, 12.8382, 82.4740



137.3020, 16.1201, 103.2211



225.1330, -62.1836, 18.3004



114.3860, 1.2887, 6.6775



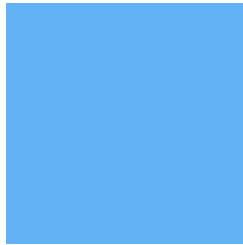
67.0140, 16.2621, 104.3507



21.2890, 5.2805, 33.0725

Previews

White Background



This preview shows how the YUV color 162.1310, 41.3474, -55.3659 looks on a white background.

Color Contrast Check

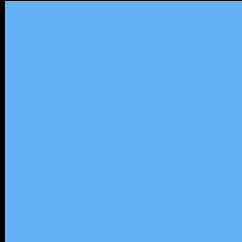
Large Text (above 18pt) WCAG AA × Fail

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 162.1310, 41.3474, -55.3659 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 162.1310, 41.3474, -55.3659

Background



This preview shows how black text looks on a background with the YUV color 162.1310, 41.3474, -55.3659.



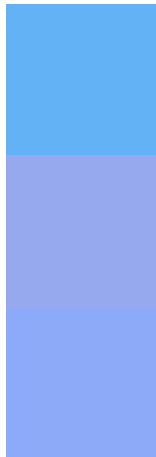
This preview shows how white text looks on a background with the YUV color 162.1310, 41.3474, -55.3659.

-55.3659.

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

162.1310, 41.3474, -55.3659

Protanopia

170.5980, 33.2292, -18.0644

Deuteranopia

169.9220, 38.4925, -26.2416



Tritanopia

155.7170, 22.3245, -67.2808

Trichromacy



Original Color

162.1310, 41.3474, -55.3659

Protanomaly

167.6070, 36.1827, -32.1043

Deuteranomaly

167.0840, 39.3986, -36.9077

Tritanomaly

157.8730, 29.1496, -63.0326

Monochromacy



Original Color

162.1310, 41.3474, -55.3659

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

162.1790, 15.1948, -20.3280

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.1310, 41.3474, -55.3659 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(99, 178, 246)` looks like.

```
.text, #text, p{  
    color:rgb(99, 178, 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(99, 178, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 178, 246) }
```

Border

The CSS property to change the border of an element to YUV 162.1310, 41.3474, -55.3659 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(99, 178, 246) }
```


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

```
.border{ border-color:rgb(99, 178, 246) }
```

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

Here you see how a box with a 4 pixel rgb(99, 178, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 178, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 178, 246);  
box-shadow:4px 4px 4px 4px rgb(99, 178,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 162.1310, 41.3474, -55.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 178, 246) }
```

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

```
.background{ background-color: rgb(99, 178,  
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](#).

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