

Converting Colors

YUV(161.6320, 38.1424,
-54.0513)

Have a look what the booklet for
YUV(161.6320, 38.1424, -54.0513)
contains.

YUV(161.6320, 38.1424, -54.0513)	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(161.6320, 38.1424,
-54.0513)**

Conversions

Conversions Part 1

Format	Color
Hex	64B2EF
RGB	100, 178, 239
RGB Percent	39%, 70%, 94%
CMY	0.6078, 0.3020, 0.0627
CMYK	0.58, 0.26, 0.00, 0.06
HSL	206°, 81%, 66%
HSV	206°, 58%, 94%
XYZ	36.7559, 40.7821, 87.5958
YIQ	161.6320, -66.0690, 2.4350

Conversions

Conversions Part 2

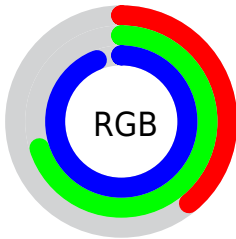
Format	Color
RYB	100, 150, 239
Decimal	6599407
CIELab	70.02, -6.51, -37.70
CIELCh	70, 38.253, 260.200
Yxy	40.7821, 0.2226, 0.2470
Android (android.graphics.Color)	4284789487 (0xFF64B2EF)
YUV	161.6320, 38.1424, -54.0513
Hunter-Lab	63.8609, -9.0186, -36.6235

Details

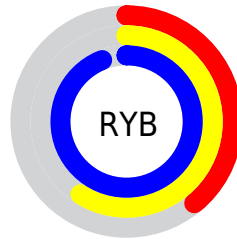
The YUV color **161.6320, 38.1424, -54.0513** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **177.3680, -38.1424, 54.0513**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.2680, 20.0809, -47.5930**, and **102.5980, 39.6382, -67.1764** is the 20% darker color. If you saturate the color by 10%, you get **148.5860, 44.5741, -63.6579**, and if you desaturate by 10%, it is **174.6780, 31.7107, -44.4446**.

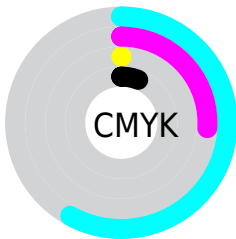
Distribution



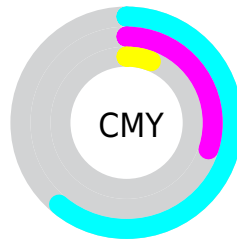
- Red (39%)
- Green (70%)
- Blue (94%)



- Red (39%)
- Yellow (59%)
- Blue (94%)



- Cyan (58%)
- Magenta (26%)
- Yellow (0%)
- Black (6%)



- Cyan (61%)
- Magenta (30%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.6320, 38.1424, -54.0513 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 161.6320, 38.1424, -54.0513 by changing the saturation by 10% instead.

■ 161.6320, 38.1424,
-54.0513

■ 161.6320, 38.1424,
-54.0513

255.0000, 0.0000,
0.0000

■ 133.0230, 38.4427,
-57.0252

■ 214.2680, 20.0809,
-47.5930

■ 102.5980, 39.6382,
-67.1764

■ 235.5650, 9.5815,
-39.9605

■ 77.0710, 38.9120,
-67.5913

■ 244.5350, 5.1592,
-21.5172

■ 59.9050, 34.0638,
-52.5367

■ 253.5050, 0.7370,
-3.0739

■ 43.5540, 29.7999,
-38.1969

■ 28.9640, 24.6677,
-25.4014

■ 9.3190, 23.0137,

-8.1728

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 161.6320, 38.1424,
-54.0513

■ 161.6320, 38.1424,
-54.0513

■ 148.5860, 44.5741,
-63.6579

■ 174.6780, 31.7107,
-44.4446

■ 134.9530, 51.2952,
-72.7498

■ 188.3110, 24.9897,
-35.3527

■ 121.9070, 57.7268,
-82.3564

■ 201.3570, 18.5580,
-25.7461

■ 108.2740, 64.4479,
-91.4483

■ 214.9900, 11.8369,
-16.6542

■ 105.9040, 65.6163,
-92.8778

■ 227.7370, 5.5527,
-7.6623

■ 241.3700, -1.1684,
1.4295

■ 250.8280, -5.8312,
3.6588

■ 253.1760, -6.9888,
1.5996

Harmonies

Analogous

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



144.8840, 39.0042, -97.2453



161.6320, 38.1424, -54.0513



171.5880, 31.7551, -11.9167

Triad

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



161.6320, 38.1424, -54.0513



173.5620, -12.1091, 57.3891



161.7150, -18.1005, -27.8141

Complementary

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



161.6320, 38.1424, -54.0513



177.3680, -38.1424, 54.0513

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.



166.1120, -30.1282, 3.4098



161.6320, 38.1424, -54.0513



171.8480, -26.0541, 50.1223

Square

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



161.6320, 38.1424, -54.0513



175.1600, 4.3581, 48.9717



169.5930, -32.8303, 30.1749



154.3700, 1.7896, -60.8375

Rectangle

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



161.6320, 38.1424, -54.0513



175.0920, 24.1116, 13.0743



169.5930, -32.8303, 30.1749



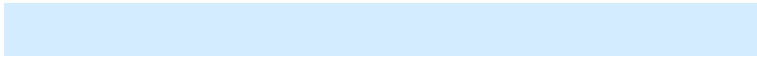
163.2280, -22.7904, -16.8630

Sweetspot

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



161.6320, 38.1424, -54.0513



230.9900, 11.8369, -16.6542



188.4330, -14.0175, -77.5557



113.1820, 7.3053, -9.8066



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.



161.6320, 38.1424, -54.0513



155.9920, 48.8109, -69.2760



121.1290, 58.1104, -18.5301



113.4770, 3.2158, -4.8033



81.4370, 50.5636, -71.4202



24.5810, 15.4896, -21.5575

Inverse Universe

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



150.4530, 13.5807, 77.6557



141.6220, 17.4414, 99.4325



217.8710, -58.1104, 18.5301



112.3860, 1.2887, 6.6775



66.7580, 17.8673, 102.8212



20.2780, 5.2859, 31.3282

Previews

White Background



This preview shows how the YUV color 161.6320, 38.1424, -54.0513 looks on a white background.

Color Contrast Check

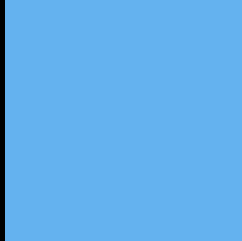
Large Text (above 18pt) WCAG AA × Fail

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 161.6320, 38.1424, -54.0513 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

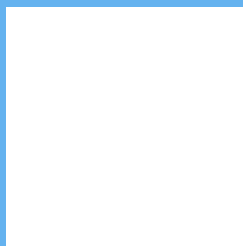
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 161.6320, 38.1424, -54.0513

Background



This preview shows how black text looks on a background with the YUV color 161.6320, 38.1424, -54.0513.



This preview shows how white text looks on a background with the YUV color 161.6320, 38.1424, -54.0513.

-54.0513.

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

161.6320, 38.1424, -54.0513

Protanopia

170.3980, 29.8768, -16.1350

Deuteranopia

169.7330, 35.1346, -22.5678



Tritanopia

156.5110, 21.4401, -63.5921

Trichromacy



Original Color

161.6320, 38.1424, -54.0513

Protanomaly

167.4070, 32.8303, -30.1749

Deuteranomaly

166.5960, 36.1882, -33.8487

Tritanomaly

158.1400, 27.5390, -59.7588

Monochromacy



Original Color

161.6320, 38.1424, -54.0513

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

161.8370, 13.8844, -20.0280

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.6320, 38.1424, -54.0513 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(100, 178, 239)` looks like.

```
.text, #text, p{  
    color:rgb(100, 178, 239)  
}
```

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(100, 178, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 178, 239) }
```

Border

The CSS property to change the border of an element to YUV 161.6320, 38.1424, -54.0513 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(100, 178, 239) }
```


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

```
.border{ border-color:rgb(100, 178, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 178, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 178, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 178, 239); box-shadow:4px 4px 4px 4px rgb(100, 178, 239) }
```

Background

The CSS property to change the background color of an element to YUV 161.6320, 38.1424, -54.0513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 178, 239) }
```

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

```
.background{ background-color: rgb(100,  
178, 239) }
```

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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