

Converting Colors

YUV(164.2890, 38.3115,
-61.6435)

Have a look what the booklet for
YUV(164.2890, 38.3115, -61.6435)
contains.

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Color

**YUV(164.2890, 38.3115,
-61.6435)**

Conversions

Conversions Part 1

Format	Color
Hex	5EB9F2
RGB	94, 185, 242
RGB Percent	37%, 73%, 95%
CMY	0.6314, 0.2745, 0.0510
CMYK	0.61, 0.24, 0.00, 0.05
HSL	203°, 85%, 66%
HSV	203°, 61%, 95%
XYZ	37.9921, 43.4884, 90.3961
YIQ	164.2890, -72.5330, -1.5650

Conversions

Conversions Part 2

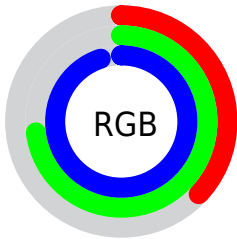
Format	Color
R _Y B	94, 150, 242
Decimal	6207986
CIE Lab	71.89, -10.50, -36.45
CIE LCh	72, 37.928, 253.930
Yxy	43.4884, 0.2210, 0.2530
Android (android.graphics.Color)	4284398066 (0xFF5EB9F2)
YUV	164.2890, 38.3115, -61.6435
Hunter-Lab	65.9457, -12.5692, -35.1106

Details

The YUV color **164.2890, 38.3115, -61.6435** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **171.7110, -38.3115, 61.6435**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.8820, 18.7922, -54.2705**, and **98.6880, 43.0448, -86.5494** is the 20% darker color. If you saturate the color by 10%, you get **151.8300, 44.4538, -71.7649**, and if you desaturate by 10%, it is **176.7480, 32.1692, -51.5220**.

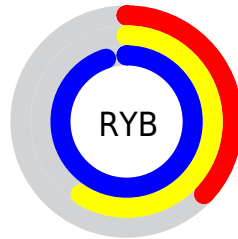
Distribution



Red (37%)

Green (73%)

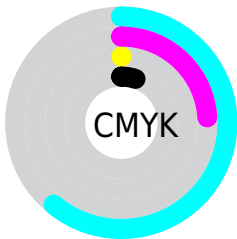
Blue (95%)



Red (37%)

Yellow (59%)

Blue (95%)

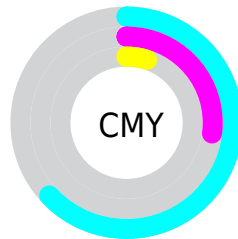


Cyan (61%)

Magenta (24%)

Yellow (0%)

Black (5%)



Cyan (63%)

Magenta (27%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.2890, 38.3115, -61.6435 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 164.2890, 38.3115, -61.6435 by changing the saturation by 10% instead.

■ 164.2890, 38.3115,
-61.6435

■ 164.2890, 38.3115,
-61.6435

255.0000, 0.0000,
0.0000

■ 134.9680, 38.4698,
-65.7469

■ 216.8820, 18.7922,
-54.2705

■ 98.6880, 43.0448,
-86.5494

■ 234.3690, 10.1711,
-42.4196

■ 80.8210, 38.0492,
-70.8800

■ 243.3390, 5.7489,
-23.9763

■ 63.7690, 33.6379,
-55.9254

■ 252.3090, 1.3267,
-5.5330

■ 47.4180, 29.3739,
-41.5856

■ 31.6540, 24.8206,
-27.7606

■ 16.7050, 20.8514,

-14.6503

■ 5.2780, 15.1459,
-4.6288

■ 1.4820, 5.6784,
-1.2997

■ 164.2890, 38.3115,
-61.6435

■ 164.2890, 38.3115,
-61.6435

■ 151.8300, 44.4538,
-71.7649

■ 176.7480, 32.1692,
-51.5220

■ 138.7840, 50.8855,
-81.3716

■ 189.7940, 25.7376,
-41.9153

■ 126.0260, 57.1752,
-92.1078

■ 202.5520, 19.4479,
-31.1791

■ 115.0510, 62.5859,
-100.8997

■ 215.0110, 13.3056,
-21.0576

■ 228.0570, 6.8739,
-11.4510

■ 240.5160, 0.7316,
-1.3295

■ 250.5830, -4.2314,
3.8737

■ 253.5180, -5.6784,
1.2997

Harmonies

Analogous

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



149.7870, 36.0940, -97.1602



164.2890, 38.3115, -61.6435



175.5870, 33.2346, -19.8088

Triad

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



164.2890, 38.3115, -61.6435



179.3600, -9.0515, 56.6893



167.6620, -21.0324, -20.7516

Complementary

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



164.2890, 38.3115, -61.6435



171.7110, -38.3115, 61.6435

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.



172.1020, -31.6023, 9.5575



164.2890, 38.3115, -61.6435



177.2550, -23.2967, 52.3964

Square

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



164.2890, 38.3115, -61.6435



180.9360, 7.4266, 44.7831



175.4410, -32.2624, 34.6932



161.2740, -2.6001, -52.8603

Rectangle

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



164.2890, 38.3115, -61.6435



179.7320, 26.7541, 5.4970



175.4410, -32.2624, 34.6932



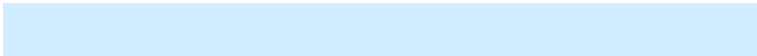
169.8760, -25.5749, -10.4153

Sweetspot

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



164.2890, 38.3115, -61.6435



230.6800, 11.9898, -19.0134



187.3740, -17.9324, -81.8890



112.8720, 7.4581, -12.1657



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.



164.2890, 38.3115, -61.6435



157.1220, 48.2539, -77.2830



120.8510, 59.7265, -23.5483



113.4770, 3.2158, -4.8033



87.3070, 47.6696, -76.5682



26.3420, 14.6214, -23.1019

Inverse Universe

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



148.6260, 17.9324, 81.8890



137.6100, 22.3773, 102.9510



215.1490, -59.7265, 23.5483



112.3860, 1.2887, 6.6775



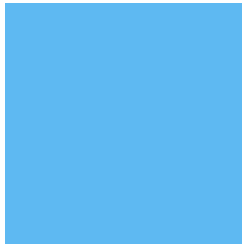
67.8980, 22.2353, 101.8215



20.6200, 6.5963, 31.0283

Previews

White Background



This preview shows how the YUV color 164.2890, 38.3115, -61.6435 looks on a white background.

Color Contrast Check

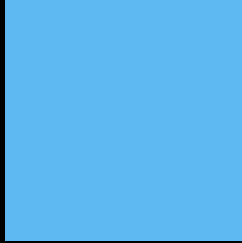
Large Text (above 18pt) WCAG AA × Fail

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 164.2890, 38.3115, -61.6435 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

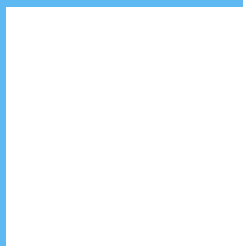
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 164.2890, 38.3115, -61.6435

Background



This preview shows how black text looks on a background with the YUV color 164.2890, 38.3115, -61.6435.

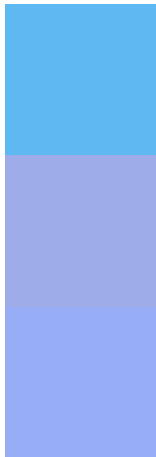


This preview shows how white text looks on a background with the YUV color 164.2890, 38.3115, -61.6435.

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

164.2890, 38.3115, -61.6435

Protanopia

175.3550, 28.4190, -15.2203

Deuteranopia

174.6300, 34.6924, -20.7235



Tritanopia

159.0370, 23.6458, -71.0694

Trichromacy



Original Color

164.2890, 38.3115, -61.6435

Protanomaly

171.1680, 31.9622, -31.7193

Deuteranomaly

170.5850, 36.1936, -35.5930

Tritanomaly

161.1390, 29.0185, -67.6509

Monochromacy



Original Color

164.2890, 38.3115, -61.6435

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.4130, 13.6004, -22.2872

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.2890, 38.3115, -61.6435 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(94, 185, 242)` looks like.

```
.text, #text, p{  
    color:rgb(94, 185, 242)  
}
```

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(94, 185, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 185, 242) }
```

Border

The CSS property to change the border of an element to YUV 164.2890, 38.3115, -61.6435 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

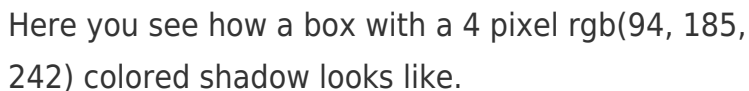
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 185, 242) }
```


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

```
.border{ border-color:rgb(94, 185, 242) }
```

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



Here you see how a box with a 4 pixel rgb(94, 185, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 185, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 185, 242);  
box-shadow:4px 4px 4px 4px rgb(94, 185,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 164.2890, 38.3115, -61.6435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 185, 242) }
```

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

```
.background{ background-color: rgb(94, 185,  
242) }
```

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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