

Converting Colors

YUV(155.8560, 38.5250,
-36.7077)

Have a look what the booklet for
YUV(155.8560, 38.5250, -36.7077)
contains.

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Color

**YUV(155.8560, 38.5250,
-36.7077)**

Conversions

Conversions Part 1

Format	Color
Hex	72A2EA
RGB	114, 162, 234
RGB Percent	45%, 64%, 92%
CMY	0.5529, 0.3647, 0.0824
CMYK	0.51, 0.31, 0.00, 0.08
HSL	216°, 74%, 68%
HSV	216°, 51%, 92%
XYZ	34.7110, 35.3586, 82.8373
YIQ	155.8560, -51.7200, 12.2160

Conversions

Conversions Part 2

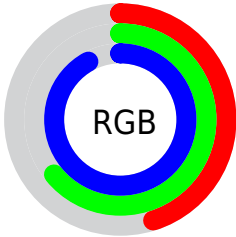
Format	Color
RYB	114, 148, 234
Decimal	7512810
CIELab	66.03, 3.83, -41.15
CIELCh	66, 41.332, 275.316
Yxy	35.3586, 0.2270, 0.2312
Android (android.graphics.Color)	4285702890 (0xFF72A2EA)
YUV	155.8560, 38.5250, -36.7077
Hunter-Lab	59.4631, 0.1374, -40.9720

Details

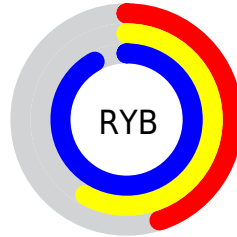
The YUV color **155.8560, 38.5250, -36.7077** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **192.1440, -38.5250, 36.7077**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.8770, 23.2316, -31.4641**, and **101.2960, 37.8151, -42.3556** is the 20% darker color. If you saturate the color by 10%, you get **140.7610, 45.9668, -43.6404**, and if you desaturate by 10%, it is **170.9510, 31.0832, -29.7750**.

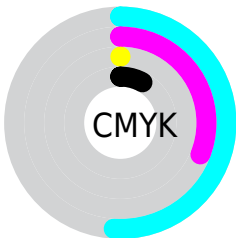
Distribution



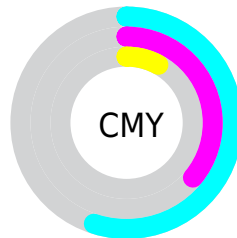
- Red (45%)
- Green (64%)
- Blue (92%)



- Red (45%)
- Yellow (58%)
- Blue (92%)



- Cyan (51%)
- Magenta (31%)
- Yellow (0%)
- Black (8%)



- Cyan (55%)
- Magenta (36%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.8560, 38.5250, -36.7077 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 155.8560, 38.5250, -36.7077 by changing the saturation by 10% instead.

■ 155.8560, 38.5250,
-36.7077

■ 155.8560, 38.5250,
-36.7077

255.0000, 0.0000,
0.0000

■ 128.7310, 38.0936,
-38.3521

■ 207.8770, 23.2316,
-31.4641

■ 101.2960, 37.8151,
-42.3556

■ 232.9840, 10.8539,
-28.0500

■ 69.7780, 40.0424,
-56.8103

■ 247.5250, 3.6852,
-15.3694

■ 51.8180, 36.0787,
-45.4444

■ 35.9400, 31.0886,
-31.5194

■ 21.4640, 26.3932,
-18.8239

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 155.8560, 38.5250,
-36.7077

■ 155.8560, 38.5250,
-36.7077

■ 140.7610, 45.9668,
-43.6404

■ 170.9510, 31.0832,
-29.7750

■ 125.3670, 53.5561,
-51.1879

■ 186.3450, 23.4939,
-22.2276

■ 110.2720, 60.9979,
-58.1205

■ 201.4400, 16.0521,
-15.2949

■ 94.8780, 68.5871,
-65.6680

■ 216.8340, 8.4628,
-7.7474

■ 81.8540, 75.0080,
-71.7860

■ 231.9290, 1.0210,
-0.8147

■ 247.0240, -6.4208,
6.1180

■ 252.6060, -9.1728,
2.0995

Harmonies

Analogous

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



131.9140, 46.8774, -102.5336



155.8560, 38.5250, -36.7077



163.7970, 28.2011, 8.0710

Triad

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



155.8560, 38.5250, -36.7077



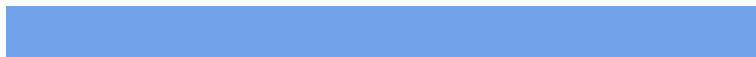
161.5700, -20.9870, 58.2591



145.7000, -8.7261, -47.9719

Complementary

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



155.8560, 38.5250, -36.7077



192.1440, -38.5250, 36.7077

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.



152.8110, -27.0218, -12.9892



155.8560, 38.5250, -36.7077



159.3820, -32.7263, 43.5150

Square

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



155.8560, 38.5250, -36.7077



162.7500, -3.8207, 58.9783



156.5330, -35.2658, 17.9496



124.5840, 20.4181, -109.2602

Rectangle

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



155.8560, 38.5250, -36.7077



164.8340, 18.8158, 31.7176



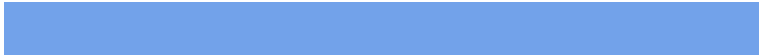
156.5330, -35.2658, 17.9496



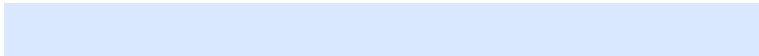
148.9420, -15.7474, -35.9061

Sweetspot

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



155.8560, 38.5250, -36.7077



230.1370, 12.2575, -11.5211



192.6480, -3.2775, -68.9743



112.9050, 7.4418, -6.9327



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.



155.8560, 38.5250, -36.7077



151.9930, 50.7825, -48.2289



131.2680, 50.6469, -4.6200



109.6020, 3.6472, -3.1590



62.8980, 58.2243, -55.1615



18.4830, 17.5099, -16.2096

Inverse Universe

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



155.3520, 3.2775, 68.9743



151.4240, 4.2280, 90.8362



216.7320, -50.6469, 4.6200



109.7450, 0.1257, 6.3626



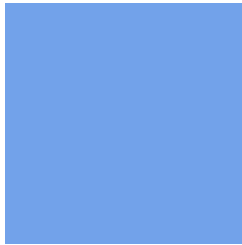
62.3270, 4.7688, 104.0762



18.5400, 1.2128, 31.0984

Previews

White Background



This preview shows how the YUV color 155.8560, 38.5250, -36.7077 looks on a white background.

Color Contrast Check

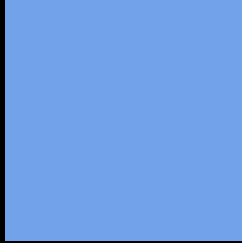
Large Text (above 18pt) WCAG AA × Fail

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 155.8560, 38.5250, -36.7077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

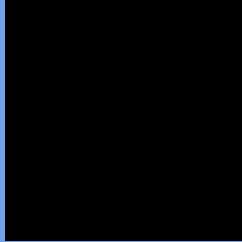
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

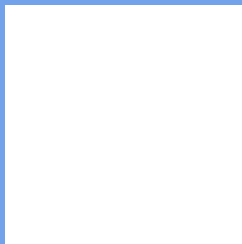
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 155.8560, 38.5250, -36.7077

Background



This preview shows how black text looks on a background with the YUV color 155.8560, 38.5250, -36.7077.



This preview shows how white text looks on a background with the YUV color 155.8560, 38.5250, -36.7077.

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

155.8560, 38.5250, -36.7077

Protanopia

159.0430, 34.9818, -20.2087

Deuteranopia

158.3950, 37.7663, -26.6564



Tritanopia

150.7690, 16.8759, -46.2784

Trichromacy



Original Color

155.8560, 38.5250, -36.7077

Protanomaly

157.9390, 36.0191, -26.2565

Deuteranomaly

157.4870, 38.2139, -30.2451

Tritanomaly

152.8540, 24.7220, -42.8450

Monochromacy



Original Color

155.8560, 38.5250, -36.7077

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.8810, 13.8627, -13.0506

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.8560, 38.5250, -36.7077 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(114, 162, 234)` looks like.

```
.text, #text, p{  
    color:rgb(114, 162, 234)  
}
```

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(114, 162, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 162, 234) }
```

Border

The CSS property to change the border of an element to YUV 155.8560, 38.5250, -36.7077 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(114, 162, 234) }
```


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

```
.border{ border-color:rgb(114, 162, 234) }
```

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

Here you see how a box with a 4 pixel rgb(114, 162, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 162, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 162, 234);  
box-shadow:4px 4px 4px 4px rgb(114, 162,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 155.8560, 38.5250, -36.7077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 162, 234) }
```

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

```
.background{ background-color: rgb(114,  
162, 234) }
```

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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