

Converting Colors

YUV(155.0350, 20.1957,
-37.7417)

Have a look what the booklet for
YUV(155.0350, 20.1957, -37.7417)
contains.

YUV(155.0350, 20.1957, -37.7417)	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(155.0350, 20.1957,
-37.7417)**

Conversions

Conversions Part 1

Format	Color
Hex	70A9C4
RGB	112, 169, 196
RGB Percent	44%, 66%, 77%
CMY	0.5608, 0.3373, 0.2314
CMYK	0.43, 0.14, 0.00, 0.23
HSL	199°, 42%, 60%
HSV	199°, 43%, 77%
XYZ	30.8339, 35.8062, 57.5107
YIQ	155.0350, -42.6390, -3.6870

Conversions

Conversions Part 2

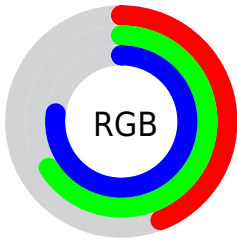
Format	Color
R _Y B	112, 146, 196
Decimal	7383492
CIE Lab	66.37, -11.49, -19.65
CIE LCh	66, 22.763, 239.678
Yxy	35.8062, 0.2484, 0.2884
Android (android.graphics.Color)	4285573572 (0xFF70A9C4)
YUV	155.0350, 20.1957, -37.7417
Hunter-Lab	59.8383, -12.7383, -15.0970

Details

The YUV color **155.0350, 20.1957, -37.7417** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **152.9650, -20.1957, 37.7417**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.2630, 21.0693, -37.9417**, and **101.9100, 19.7644, -39.3861** is the 20% darker color. If you saturate the color by 10%, you get **145.5330, 24.8802, -46.9484**, and if you desaturate by 10%, it is **164.5370, 15.5113, -28.5349**.

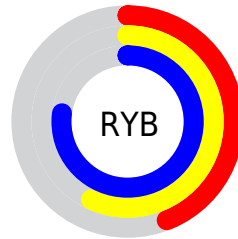
Distribution



Red (44%)

Green (66%)

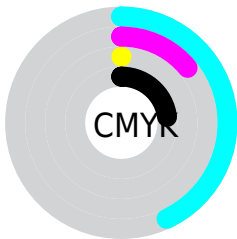
Blue (77%)



Red (44%)

Yellow (57%)

Blue (77%)

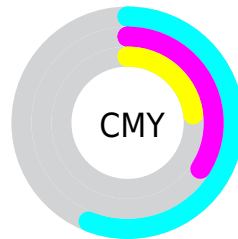


Cyan (43%)

Magenta (14%)

Yellow (0%)

Black (23%)



Cyan (56%)

Magenta (34%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.0350, 20.1957, -37.7417 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 155.0350, 20.1957, -37.7417 by changing the saturation by 10% instead.

■ 155.0350, 20.1957,
-37.7417

■ 155.0350, 20.1957,
-37.7417

255.0000, 0.0000,
0.0000

■ 128.6220, 19.9064,
-38.2565

■ 210.2630, 21.0693,
-37.9417

■ 101.9100, 19.7644,
-39.3861

■ 235.8860, 9.4232,
-35.8570

■ 75.4150, 20.5014,
-42.4600

■ 245.7310, 4.5696,
-19.0581

■ 50.9910, 20.2174,
-44.7191

254.7010, 0.1474,
-0.6148

■ 34.7540, 16.3903,
-30.4793

■ 20.5060, 12.5685,
-17.9838

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 155.0350, 20.1957,
-37.7417

■ 155.0350, 20.1957,
-37.7417

■ 145.5330, 24.8802,
-46.9484

■ 164.5370, 15.5113,
-28.5349

■ 135.7430, 29.7067,
-55.0256

■ 174.3270, 10.6848,
-20.4578

■ 126.2410, 34.3912,
-64.2324

■ 183.8290, 6.0003,
-11.2510

■ 117.0380, 38.9283,
-72.8243

■ 193.0320, 1.4632,
-2.6591

■ 107.5360, 43.6128,
-82.0311

■ 203.1210, -3.5107,
6.0329

■ 100.4150, 47.1234,
-88.0640

■ 212.6230, -8.1951,
15.2396

■ 221.8260,
-12.7322, 23.8316

■ 227.1420,
-15.3530, 24.4315

■ 231.2510,
-17.3787, 20.8279

Harmonies

Analogous

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



152.0960, 14.2497, -43.9342



155.0350, 20.1957, -37.7417



159.3730, 21.0151, -20.4981

Triad

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



155.0350, 20.1957, -37.7417



164.8560, -1.4080, 31.6983



158.1510, -15.8504, -2.7634

Complementary

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



155.0350, 20.1957, -37.7417



152.9650, -20.1957, 37.7417

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.



160.6370, -19.5410, 14.3504



155.0350, 20.1957, -37.7417



163.7610, -10.7282, 34.4126

Square

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



155.0350, 20.1957, -37.7417



165.0100, 8.3761, 20.1622



162.2950, -17.4004, 27.8053



155.5060, -7.6445, -21.4918

Rectangle

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



155.0350, 20.1957, -37.7417



162.4780, 18.4983, -6.5582



162.2950, -17.4004, 27.8053



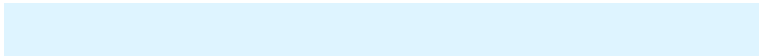
158.7280, -17.6139, 2.8695

Sweetspot

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



155.0350, 20.1957, -37.7417



238.6760, 8.0477, -14.6249



164.3860, -12.5153, -45.9425



117.6120, 5.1213, -9.3067



0.0000, 0.0000, 0.0000



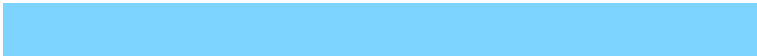
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



155.0350, 20.1957, -37.7417



191.4760, 31.3173, -58.2995



130.3810, 32.3502, -16.1201



92.2490, 2.3422, -4.6034



82.3370, 38.7809, -72.2095



16.6760, 8.0477, -14.6249

Inverse Universe

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



143.6140, 12.5153, 45.9425



173.9020, 19.2753, 71.1229



177.6190, -32.3502, 16.1201



90.7880, 1.5835, 5.4479



60.5650, 23.8785, 88.0815



12.3750, 4.7451, 18.0881

Previews

White Background



This preview shows how the YUV color 155.0350, 20.1957, -37.7417 looks on a white background.

Color Contrast Check

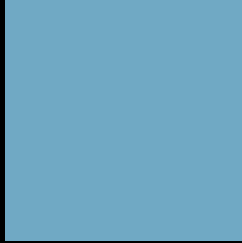
Large Text (above 18pt) WCAG AA × Fail

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 155.0350, 20.1957, -37.7417 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 155.0350, 20.1957, -37.7417

Background



This preview shows how black text looks on a background with the YUV color 155.0350, 20.1957, -37.7417.



This preview shows how white text looks on a background with the YUV color 155.0350, 20.1957, -37.7417.

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

155.0350, 20.1957, -37.7417

Protanopia

161.2240, 13.6936, -5.4584

Deuteranopia

161.6740, 17.9087, -4.0991



Tritanopia

154.0580, 15.2544, -39.5159

Trichromacy



Original Color

155.0350, 20.1957, -37.7417

Protanomaly

159.1300, 16.2049, -17.6540

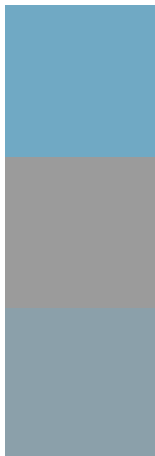
Deuteranomaly

159.1240, 18.6729, -15.8947

Tritanomaly

154.2260, 17.1436, -38.7862

Monochromacy



Original Color

155.0350, 20.1957, -37.7417

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.8610, 7.4635, -13.9101

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.0350, 20.1957, -37.7417 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(112, 169, 196)` looks like.

```
.text, #text, p{  
    color:rgb(112, 169, 196)  
}
```

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(112, 169, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 169, 196) }
```

Border

The CSS property to change the border of an element to YUV 155.0350, 20.1957, -37.7417 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(112, 169, 196) }
```


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

```
.border{ border-color:rgb(112, 169, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 169, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 169, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 169, 196);  
box-shadow:4px 4px 4px 4px rgb(112, 169,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 155.0350, 20.1957, -37.7417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 169, 196) }
```

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

```
.background{ background-color: rgb(112,  
169, 196) }
```

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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