

Converting Colors

YUV(155.2080, 24.5475,
-33.5084)

Have a look what the booklet for
YUV(155.2080, 24.5475, -33.5084)
contains.

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Color

**YUV(155.2080, 24.5475,
-33.5084)**

Conversions

Conversions Part 1

Format	Color
Hex	75A5CD
RGB	117, 165, 205
RGB Percent	46%, 65%, 80%
CMY	0.5412, 0.3529, 0.1961
CMYK	0.43, 0.20, 0.00, 0.20
HSL	207°, 47%, 63%
HSV	207°, 43%, 80%
XYZ	31.8107, 35.1000, 62.8560
YIQ	155.2080, -41.4480, 2.2640

Conversions

Conversions Part 2

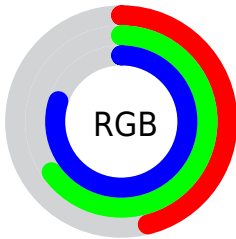
Format	Color
RYB	117, 148, 205
Decimal	7710157
CIELab	65.83, -5.55, -25.45
CIELCh	66, 26.048, 257.694
Yxy	35.1000, 0.2451, 0.2705
Android (android.graphics.Color)	4285900237 (0xFF75A5CD)
YUV	155.2080, 24.5475, -33.5084
Hunter-Lab	59.2452, -7.8366, -21.4318

Details

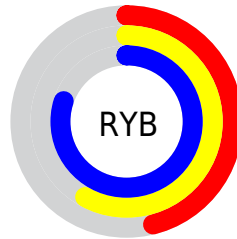
The YUV color $155.2080, 24.5475, -33.5084$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $166.7920, -24.5475, 33.5084$, and the grayscale version is $155.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $209.6380, 22.3635, -33.0085$, and $102.0830, 24.1161, -35.1528$ is the 20% darker color. If you saturate the color by 10%, you get $143.9450, 30.1001, -41.1708$, and if you desaturate by 10%, it is $166.7700, 18.8474, -25.2313$.

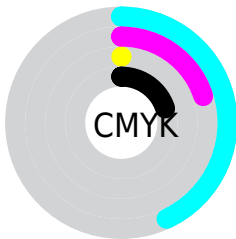
Distribution



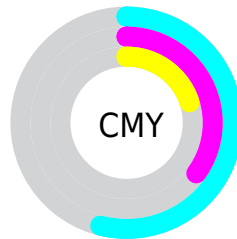
- Red (46%)
- Green (65%)
- Blue (80%)



- Red (46%)
- Yellow (58%)
- Blue (80%)



- Cyan (43%)
- Magenta (20%)
- Yellow (0%)
- Black (20%)



- Cyan (54%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.2080, 24.5475, -33.5084 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 155.2080, 24.5475, -33.5084 by changing the saturation by 10% instead.

■ 155.2080, 24.5475,
-33.5084

■ 155.2080, 24.5475,
-33.5084

255.0000, 0.0000,
0.0000

■ 128.6810, 23.8213,
-33.9232

■ 209.6380, 22.3635,
-33.0085

■ 102.0830, 24.1161,
-35.1528

■ 234.7450, 9.9857,
-29.5944

■ 76.3600, 23.9795,
-38.0267

■ 247.5250, 3.6852,
-15.3694

■ 50.1420, 24.5800,
-43.9745

■ 34.3780, 20.0266,
-30.1495

■ 20.1300, 16.2049,
-17.6540

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 155.2080, 24.5475,
-33.5084

■ 155.2080, 24.5475,
-33.5084

■ 143.9450, 30.1001,
-41.1708

■ 166.7700, 18.8474,
-25.2313

■ 131.7960, 36.0896,
-48.9331

■ 178.6200, 13.0053,
-18.0837

■ 120.2340, 41.7896,
-57.2102

■ 190.1820, 7.3053,
-9.8066

■ 108.9710, 47.3423,
-64.8726

■ 201.4450, 1.7526,
-2.1443

■ 96.8220, 53.3318,
-72.6349

■ 213.5940, -4.2368,
5.6181

■ 89.1140, 57.1318,
-78.1530

■ 224.8570, -9.7895,
13.2804

■ 234.6250,
-14.6051, 17.8689

■ 240.4950,
-17.4990, 12.7209

■ 245.7780,
-20.1036, 8.0877

Harmonies

Analogous

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



149.7130, 21.8335, -49.7373



155.2080, 24.5475, -33.5084



160.2650, 21.5614, -9.0024

Triad

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



155.2080, 24.5475, -33.5084



162.5920, -7.6869, 38.9458



154.4590, -13.0443, -16.1885

Complementary

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



155.2080, 24.5475, -33.5084



166.7920, -24.5475, 33.5084

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.



157.2290, -20.8189, 4.1842



155.2080, 24.5475, -33.5084



161.6380, -17.5695, 35.3975

Square

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



155.2080, 24.5475, -33.5084



163.8220, 3.5388, 31.7281



159.7090, -22.0415, 23.0572



150.8400, -0.9071, -35.8167

Rectangle

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



155.2080, 24.5475, -33.5084



162.8110, 16.8552, 7.1818



159.7090, -22.0415, 23.0572



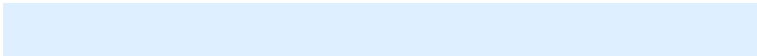
155.2920, -16.4130, -9.0261

Sweetspot

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



155.2080, 24.5475, -33.5084



236.3280, 9.2053, -12.5657



173.2160, -7.9945, -49.3014



115.8510, 5.9895, -7.7623



0.0000, 0.0000, 0.0000



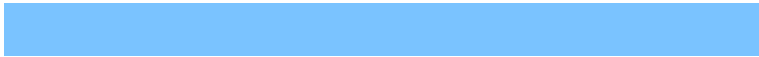
128.0000, 0.0000, 0.0000

Same Dimension

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



155.2080, 24.5475, -33.5084



180.0130, 36.9686, -50.8774



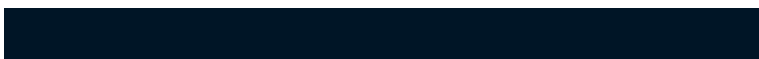
129.3800, 37.2807, -10.8573



96.0750, 2.9210, -3.5738



71.7540, 46.4633, -62.9283



16.6590, 10.5211, -14.6099

Inverse Universe

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



148.7840, 7.9945, 49.3014



170.0890, 12.2811, 74.4669



192.6200, -37.2807, 10.8573



95.5600, 0.7099, 5.6479



59.8940, 14.8423, 93.0550



13.7560, 3.5713, 21.2620

Previews

White Background



This preview shows how the YUV color 155.2080, 24.5475, -33.5084 looks on a white background.

Color Contrast Check

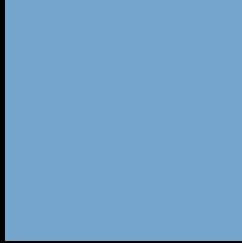
Large Text (above 18pt) WCAG AA × Fail

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 155.2080, 24.5475, -33.5084 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 155.2080, 24.5475, -33.5084 Background



This preview shows how black text looks on a background with the YUV color 155.2080, 24.5475, -33.5084.



This preview shows how white text looks on a background with the YUV color 155.2080, 24.5475, -33.5084.

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

155.2080, 24.5475, -33.5084

Protanopia

160.0970, 19.6722, -9.7321

Deuteranopia

160.3080, 23.0192, -9.9171



Tritanopia

153.2540, 14.6648, -37.0568

Trichromacy



Original Color

155.2080, 24.5475, -33.5084

Protanomaly

158.4980, 21.4465, -18.8537

Deuteranomaly

158.3670, 23.4831, -18.7389

Tritanomaly

154.1770, 18.1537, -36.1122

Monochromacy



Original Color

155.2080, 24.5475, -33.5084

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.2140, 8.7685, -12.4657

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.2080, 24.5475, -33.5084 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(117, 165, 205)` looks like.

```
.text, #text, p{  
    color:rgb(117, 165, 205)  
}
```

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(117, 165, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 165, 205) }
```

Border

The CSS property to change the border of an element to YUV 155.2080, 24.5475, -33.5084 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(117, 165, 205) }
```


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

```
.border{ border-color:rgb(117, 165, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 165, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 165, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 165, 205); box-shadow:4px 4px 4px 4px rgb(117, 165, 205) }
```

Background

The CSS property to change the background color of an element to YUV 155.2080, 24.5475, -33.5084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 165, 205) }
```

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

```
.background{ background-color: rgb(117,  
165, 205) }
```

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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