

Converting Colors

YUV(155.8040, 30.6626,
-34.9081)

Have a look what the booklet for
YUV(155.8040, 30.6626, -34.9081)
contains.

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Color

**YUV(155.8040, 30.6626,
-34.9081)**

Conversions

Conversions Part 1

Format	Color
Hex	74A4DA
RGB	116, 164, 218
RGB Percent	45%, 64%, 85%
CMY	0.5451, 0.3569, 0.1451
CMYK	0.47, 0.25, 0.00, 0.15
HSL	212°, 58%, 65%
HSV	212°, 47%, 85%
XYZ	33.1328, 35.3259, 71.4020
YIQ	155.8040, -45.9420, 6.6180

Conversions

Conversions Part 2

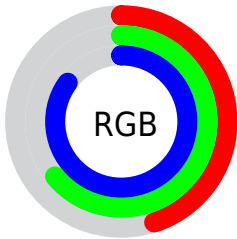
Format	Color
RYB	116, 149, 218
Decimal	7644378
CIELab	66.00, -1.56, -32.38
CIELCh	66, 32.414, 267.237
Yxy	35.3259, 0.2369, 0.2526
Android (android.graphics.Color)	4285834458 (0xFF74A4DA)
YUV	155.8040, 30.6626, -34.9081
Hunter-Lab	59.4356, -4.5061, -29.6222

Details

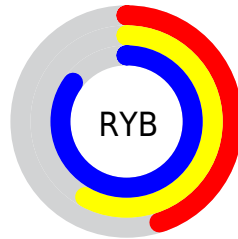
The YUV color **155.8040, 30.6626, -34.9081** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **178.1960, -30.6626, 34.9081**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.0510, 22.6529, -32.4937**, and **101.9670, 30.0893, -37.6821** is the 20% darker color. If you saturate the color by 10%, you get **142.1820, 37.3783, -42.2556**, and if you desaturate by 10%, it is **169.4260, 23.9470, -27.5606**.

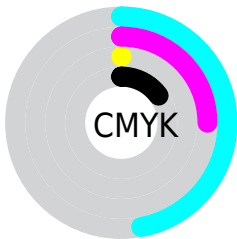
Distribution



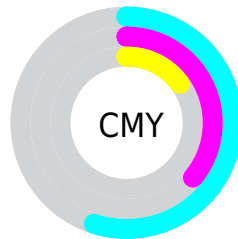
- Red (45%)
- Green (64%)
- Blue (85%)



- Red (45%)
- Yellow (58%)
- Blue (85%)



- Cyan (47%)
- Magenta (25%)
- Yellow (0%)
- Black (15%)



- Cyan (55%)
- Magenta (36%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.8040, 30.6626, -34.9081 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 155.8040, 30.6626, -34.9081 by changing the saturation by 10% instead.

■ 155.8040, 30.6626,
-34.9081

■ 155.8040, 30.6626,
-34.9081

255.0000, 0.0000,
0.0000

■ 128.9780, 30.0838,
-35.9377

■ 209.0510, 22.6529,
-32.4937

■ 101.9670, 30.0893,
-37.6821

■ 234.1580, 10.2751,
-29.0796

■ 74.6350, 30.2529,
-43.5299

■ 247.5250, 3.6852,
-15.3694

■ 50.8090, 29.6742,
-44.5595

■ 35.0450, 25.1208,
-30.7345

■ 20.6830, 20.8623,
-18.1390

■ 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 155.8040, 30.6626,
-34.9081

■ 155.8040, 30.6626,
-34.9081

■ 142.1820, 37.3783,
-42.2556

■ 169.4260, 23.9470,
-27.5606

■ 129.1470, 43.8045,
-50.1179

■ 182.4610, 17.5207,
-19.6983

■ 115.8240, 50.3728,
-56.8506

■ 195.7840, 10.9525,
-12.9656

■ 102.7890, 56.7990,
-64.7130

■ 208.8190, 4.5262,
-5.1033

■ 89.1670, 63.5147,
-72.0605

■ 222.4410, -2.1894,
2.2442

■ 85.3130, 65.4147,
-74.8195

■ 235.4760, -8.6157,
10.1065

■ 244.9120,
-13.2676, 8.8472

■ 250.7820,
-16.1615, 3.6992

Harmonies

Analogous

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



146.2040, 30.4654, -65.0769



155.8040, 30.6626, -34.9081



162.4060, 24.4498, -2.1101

Triad

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



155.8040, 30.6626, -34.9081



162.4530, -13.5343, 47.8377



151.7240, -11.6959, -28.6989

Complementary

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



155.8040, 30.6626, -34.9081



178.1960, -30.6626, 34.9081

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.



156.0880, -23.7074, -2.7082



155.8040, 30.6626, -34.9081



161.2380, -24.2743, 39.2563

Square

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



155.8040, 30.6626, -34.9081



163.6880, 0.1538, 44.1236



159.0910, -28.1459, 20.9682



146.0270, 5.4097, -55.2747

Rectangle

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



155.8040, 30.6626, -34.9081



164.4040, 17.5488, 18.0627



159.0910, -28.1459, 20.9682



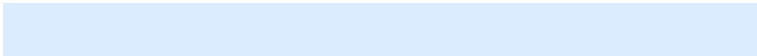
152.9270, -16.2330, -20.1070

Sweetspot

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



155.8040, 30.6626, -34.9081



233.0830, 10.8051, -12.3508



181.9160, -6.3676, -57.8083



114.3780, 6.7156, -7.3475



0.0000, 0.0000, 0.0000



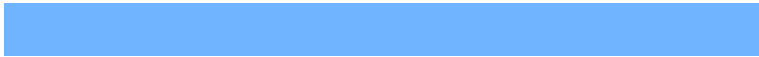
128.0000, 0.0000, 0.0000

Same Dimension

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



155.8040, 30.6626, -34.9081



167.6310, 43.0729, -48.7884



128.2260, 44.2586, -8.9682



103.1890, 3.3578, -3.6738



67.8560, 51.8360, -59.5097



18.1580, 13.7261, -15.9246

Inverse Universe

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



151.9700, 5.9308, 57.9083



162.3950, 8.1863, 81.2146



205.7740, -44.2586, 8.9682



102.8590, 0.5625, 6.2627



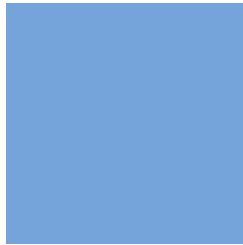
61.0750, 10.3160, 98.1582



16.2620, 2.8288, 26.0802

Previews

White Background



This preview shows how the YUV color 155.8040, 30.6626, -34.9081 looks on a white background.

Color Contrast Check

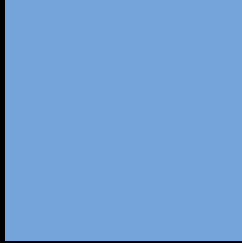
Large Text (above 18pt) WCAG AA × Fail

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 155.8040, 30.6626, -34.9081 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 155.8040, 30.6626, -34.9081 Background



This preview shows how black text looks on a background with the YUV color 155.8040, 30.6626, -34.9081.

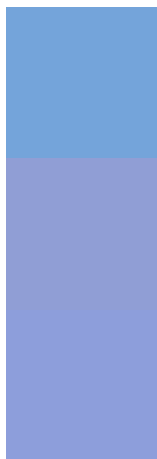


This preview shows how white text looks on a background with the YUV color 155.8040, 30.6626, -34.9081.

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

155.8040, 30.6626, -34.9081

Protanopia

160.0840, 26.0876, -14.1057

Deuteranopia

159.8710, 29.1506, -16.5499



Tritanopia

152.4600, 15.5492, -40.7454

Trichromacy



Original Color

155.8040, 30.6626, -34.9081

Protanomaly

158.4960, 27.8565, -21.4830

Deuteranomaly

158.3540, 29.8985, -23.1125

Tritanomaly

153.8500, 20.7800, -38.4564

Monochromacy



Original Color

155.8040, 30.6626, -34.9081

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.8980, 11.3893, -13.0655

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.8040, 30.6626, -34.9081 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(116, 164, 218)` looks like.

```
.text, #text, p{  
    color:rgb(116, 164, 218)  
}
```

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(116, 164, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 164, 218) }
```

Border

The CSS property to change the border of an element to YUV 155.8040, 30.6626, -34.9081 is called "border".

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

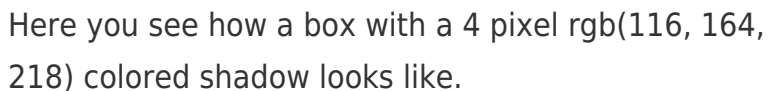
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 164, 218) }
```


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

```
.border{ border-color:rgb(116, 164, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 164, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 164, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 164, 218); box-shadow:4px 4px 4px 4px rgb(116, 164, 218) }
```

Background

The CSS property to change the background color of an element to YUV 155.8040, 30.6626, -34.9081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 164, 218) }
```

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

```
.background{ background-color: rgb(116,  
164, 218) }
```

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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