

Converting Colors

YUV(154.1970, 24.5529,
-35.2528)

Have a look what the booklet for
YUV(154.1970, 24.5529, -35.2528)
contains.

YUV(154.1970, 24.5529, -35.2528)	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(154.1970, 24.5529,
-35.2528)**

Conversions

Conversions Part 1

Format	Color
Hex	72A5CC
RGB	114, 165, 204
RGB Percent	45%, 65%, 80%
CMY	0.5529, 0.3529, 0.2000
CMYK	0.44, 0.19, 0.00, 0.20
HSL	206°, 47%, 62%
HSV	206°, 44%, 80%
XYZ	31.2936, 34.8473, 62.2036
YIQ	154.1970, -42.9150, 1.3170

Conversions

Conversions Part 2

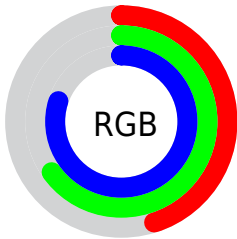
Format	Color
RYB	114, 147, 204
Decimal	7513548
CIELab	65.63, -6.59, -25.21
CIELCh	66, 26.059, 255.341
Yxy	34.8473, 0.2438, 0.2715
Android (android.graphics.Color)	4285703628 (0xFF72A5CC)
YUV	154.1970, 24.5529, -35.2528
Hunter-Lab	59.0316, -8.6795, -21.1537

Details

The YUV color **154.1970, 24.5529, -35.2528** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **163.8030, -24.5529, 35.2528**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.7410, 22.8057, -34.8529**, and **101.0720, 24.1215, -36.8971** is the 20% darker color. If you saturate the color by 10%, you get **142.9340, 30.1055, -42.9151**, and if you desaturate by 10%, it is **165.4600, 19.0002, -27.5904**.

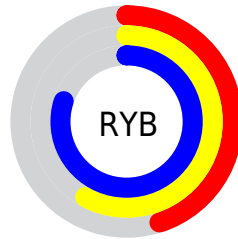
Distribution



Red (45%)

Green (65%)

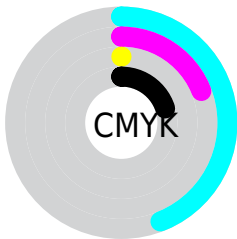
Blue (80%)



Red (45%)

Yellow (58%)

Blue (80%)

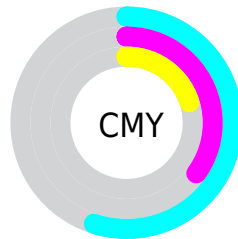


Cyan (44%)

Magenta (19%)

Yellow (0%)

Black (20%)



Cyan (55%)

Magenta (35%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.1970, 24.5529, -35.2528 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 154.1970, 24.5529, -35.2528 by changing the saturation by 10% instead.

■ 154.1970, 24.5529,
-35.2528

■ 154.1970, 24.5529,
-35.2528

■ 255.0000, 0.0000,
0.0000

■ 127.6700, 23.8267,
-35.6676

■ 208.7410, 22.8057,
-34.8529

■ 101.0720, 24.1215,
-36.8971

■ 233.8480, 10.4279,
-31.4387

■ 74.7510, 24.2798,
-41.0006

■ 246.6280, 4.1274,
-17.2138

■ 50.0280, 24.1432,
-43.8746

■ 34.3780, 20.0266,
-30.1495

■ 20.0160, 15.7681,
-17.5540

■ 4.7080, 12.9620,

-4.1289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 154.1970, 24.5529,
-35.2528

■ 154.1970, 24.5529,
-35.2528

■ 142.9340, 30.1055,
-42.9151

■ 165.4600, 19.0002,
-27.5904

■ 131.3720, 35.8056,
-51.1922

■ 177.0220, 13.3002,
-19.3133

■ 120.1090, 41.3583,
-58.8546

■ 188.2850, 7.7475,
-11.6509

■ 109.1340, 46.7689,
-67.6465

■ 199.2600, 2.3368,
-2.8590

■ 97.8710, 52.3216,
-75.3089

■ 210.5230, -3.2158,
4.8033

■ 91.3480, 55.5374,
-80.1122

■ 221.7860, -8.7685,
12.4657

■ 232.7500,
-14.1737, 19.5133

■ 238.0330,
-16.7783, 14.8801

■ 243.3160,
-19.3828, 10.2469

Harmonies

Analogous

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



148.8870, 21.2547, -50.7669



154.1970, 24.5529, -35.2528



159.3680, 22.0036, -10.8467

Triad

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



154.1970, 24.5529, -35.2528



162.1190, -6.9607, 39.3606



154.2420, -13.9233, -14.2442

Complementary

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



154.1970, 24.5529, -35.2528



163.8030, -24.5529, 35.2528

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.



157.1260, -21.2611, 6.0285



154.1970, 24.5529, -35.2528



161.1650, -16.8433, 35.8123

Square

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



154.1970, 24.5529, -35.2528



163.0500, 4.4124, 31.5282



159.4210, -21.8996, 24.1868



150.9110, -1.9281, -35.0019

Rectangle

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



154.1970, 24.5529, -35.2528



161.9140, 17.2974, 5.3374



159.4210, -21.8996, 24.1868



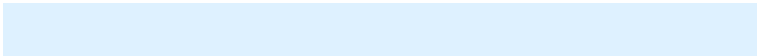
155.1890, -16.8552, -7.1818

Sweetspot

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



154.1970, 24.5529, -35.2528



236.9150, 8.9159, -13.0805



171.2760, -9.0101, -50.2311



116.4380, 5.7001, -8.2771



0.0000, 0.0000, 0.0000



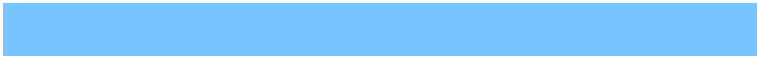
128.0000, 0.0000, 0.0000

Same Dimension

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



154.1970, 24.5529, -35.2528



180.0020, 36.9740, -52.6218



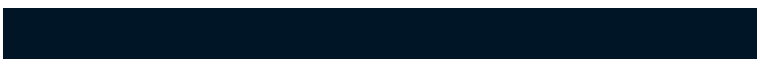
127.7820, 37.5755, -12.0868



96.6620, 2.6316, -4.0886



74.1020, 45.3057, -64.9875



17.2460, 10.2317, -15.1247

Inverse Universe

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



146.7240, 9.0101, 50.2311



169.0290, 13.2967, 75.3966



190.2180, -37.5755, 12.0868



95.6740, 1.1467, 5.5479



60.3500, 16.5894, 92.6551



13.8700, 4.0081, 21.1620

Previews

White Background



This preview shows how the YUV color 154.1970, 24.5529, -35.2528 looks on a white background.

Color Contrast Check

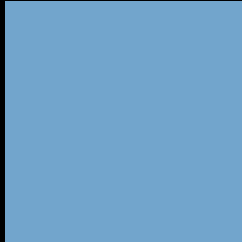
Large Text (above 18pt) WCAG AA × Fail

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 154.1970, 24.5529, -35.2528 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 154.1970, 24.5529, -35.2528

Background



This preview shows how black text looks on a background with the YUV color 154.1970, 24.5529, -35.2528.



This preview shows how white text looks on a background with the YUV color 154.1970, 24.5529, -35.2528.

-35.2528.

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

154.1970, 24.5529, -35.2528

Protanopia

159.2820, 19.0880, -9.0173

Deuteranopia

159.6070, 22.8717, -9.3023



Tritanopia

152.2430, 14.6702, -38.8011

Trichromacy



Original Color

154.1970, 24.5529, -35.2528

Protanomaly

157.3840, 21.0097, -18.7538

Deuteranomaly

157.3670, 23.4831, -18.7389

Tritanomaly

153.1660, 18.1592, -37.8566

Monochromacy



Original Color

154.1970, 24.5529, -35.2528

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.9150, 8.9159, -13.0805

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.1970, 24.5529, -35.2528 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, 165, 204)` looks like.

```
.text, #text, p{  
    color:rgb(114, 165, 204)  
}
```

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, 165, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 165, 204) }
```

Border

The CSS property to change the border of an element to YUV 154.1970, 24.5529, -35.2528 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, 165, 204) }
```


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

```
.border{ border-color:rgb(114, 165, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 165, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 165, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 165, 204);  
box-shadow:4px 4px 4px 4px rgb(114, 165,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 154.1970, 24.5529, -35.2528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 165, 204) }
```

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

```
.background{ background-color: rgb(114,  
165, 204) }
```

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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