

Converting Colors

YUV(154.0860, 29.5376,
-47.4334)

Have a look what the booklet for
YUV(154.0860, 29.5376, -47.4334)
contains.

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Color

**YUV(154.0860, 29.5376,
-47.4334)**

Conversions

Conversions Part 1

Format	Color
Hex	64AAD6
RGB	100, 170, 214
RGB Percent	39%, 67%, 84%
CMY	0.6078, 0.3333, 0.1608
CMYK	0.53, 0.21, 0.00, 0.16
HSL	203°, 58%, 62%
HSV	203°, 53%, 84%
XYZ	31.7679, 36.3138, 68.9533
YIQ	154.0860, -55.8440, -1.1560

Conversions

Conversions Part 2

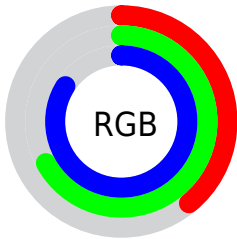
Format	Color
RYB	100, 143, 214
Decimal	6597334
CIELab	66.76, -9.73, -29.06
CIELCh	67, 30.646, 251.493
Yxy	36.3138, 0.2318, 0.2650
Android (android.graphics.Color)	4284787414 (0xFF64AAD6)
YUV	154.0860, 29.5376, -47.4334
Hunter-Lab	60.2609, -11.3565, -25.6596

Details

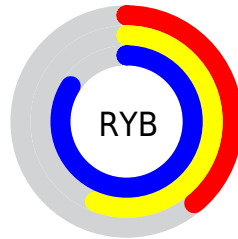
The YUV color **154.0860, 29.5376, -47.4334** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **159.9140, -29.5376, 47.4334**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0880, 23.1276, -44.8042**, and **98.4550, 29.8487, -53.8960** is the 20% darker color. If you saturate the color by 10%, you get **143.1110, 34.9483, -56.2253**, and if you desaturate by 10%, it is **165.0610, 24.1269, -38.6415**.

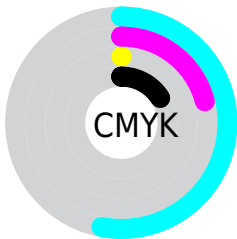
Distribution



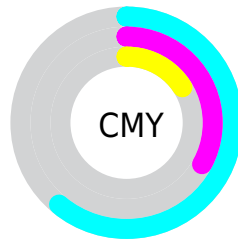
- Red (39%)
- Green (67%)
- Blue (84%)



- Red (39%)
- Yellow (56%)
- Blue (84%)



- Cyan (53%)
- Magenta (21%)
- Yellow (0%)
- Black (16%)



- Cyan (61%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.0860, 29.5376, -47.4334 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 154.0860, 29.5376, -47.4334 by changing the saturation by 10% instead.

■ 154.0860, 29.5376,
-47.4334

■ 154.0860, 29.5376,
-47.4334

■ 255.0000, 0.0000,
0.0000

■ 126.6620, 29.2536,
-49.6926

■ 208.0880, 23.1276,
-44.8042

■ 98.4550, 29.8487,
-53.8960

■ 233.7820, 10.4605,
-41.9048

■ 69.7530, 31.1808,
-61.1734

■ 243.3390, 5.7489,
-23.9763

■ 53.2880, 26.4800,
-46.7336

■ 252.0100, 1.4741,
-6.1478

■ 37.6380, 22.3635,
-33.0085

■ 22.6890, 18.3943,
-19.8983

■ 5.5060, 16.0195,

-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 154.0860, 29.5376,
-47.4334

■ 154.0860, 29.5376,
-47.4334

■ 143.1110, 34.9483,
-56.2253

■ 165.0610, 24.1269,
-38.6415

■ 131.2500, 40.7957,
-65.1172

■ 176.9220, 18.2795,
-29.7496

■ 120.2750, 46.2064,
-73.9092

■ 187.8970, 12.8688,
-20.9577

■ 109.0010, 51.7645,
-83.3159

■ 199.1710, 7.3107,
-11.5510

■ 101.2930, 55.5646,
-88.8340

■ 210.1460, 1.9000,
-2.7590

■ 221.7080, -3.8000,
5.5181

■ 232.9820, -9.3581,
14.9248

■ 239.1730,
-12.4103, 13.8803

■ 243.8690,
-14.7254, 9.7619

Harmonies

Analogous

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



147.4120, 24.9399, -66.1363



154.0860, 29.5376, -47.4334



161.5890, 26.8246, -17.1796

Triad

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



154.0860, 29.5376, -47.4334



165.6790, -6.2507, 45.0085



156.5040, -17.9965, -14.4740

Complementary

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



154.0860, 29.5376, -47.4334



159.9140, -29.5376, 47.4334

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.



159.7090, -25.4925, 9.9022



154.0860, 29.5376, -47.4334



163.8670, -18.1754, 43.0896

Square

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



154.0860, 29.5376, -47.4334



166.7560, 7.0223, 34.4170



162.2430, -25.2628, 29.6049



152.0200, -3.9539, -38.6055

Rectangle

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



154.0860, 29.5376, -47.4334



165.0430, 21.6708, 2.5933



162.2430, -25.2628, 29.6049



157.4620, -20.9338, -5.6672

Sweetspot

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



154.0860, 29.5376, -47.4334



233.3490, 10.6739, -16.9691



171.9340, -13.7715, -63.0861



114.6550, 6.5791, -10.2214



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.



154.0860, 29.5376, -47.4334



169.2820, 42.2590, -67.7763



120.6270, 46.0329, -18.0899



101.3630, 2.7790, -4.7034



81.1290, 44.3064, -71.1501



20.7510, 10.9688, -18.1986

Inverse Universe

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



142.0660, 13.7715, 63.0861



152.1370, 19.6525, 90.2109



193.3730, -46.0329, 18.0899



100.0870, 1.4361, 6.0627



63.0990, 20.6572, 94.6292



15.9350, 5.4550, 23.7360

Previews

White Background



This preview shows how the YUV color 154.0860, 29.5376, -47.4334 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 154.0860, 29.5376, -47.4334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

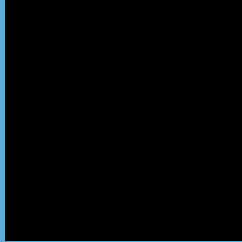
Any Text WCAG AA ✓ Pass

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 154.0860, 29.5376, -47.4334 Background



This preview shows how black text looks on a background with the YUV color 154.0860, 29.5376, -47.4334.



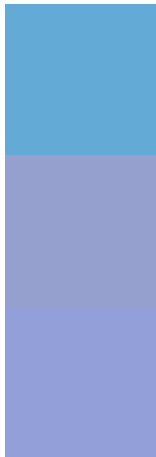
This preview shows how white text looks on a background with the YUV color 154.0860, 29.5376, -47.4334.

-47.4334.

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

154.0860, 29.5376, -47.4334

Protanopia

162.3680, 22.0036, -10.8467

Deuteranopia

161.9100, 26.6664, -13.0761



Tritanopia

151.4800, 18.4974, -53.0410

Trichromacy



Original Color

154.0860, 29.5376, -47.4334

Protanomaly

159.6760, 24.8097, -24.2719

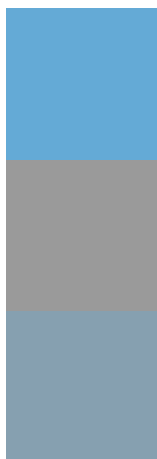
Deuteranomaly

159.0610, 27.5779, -25.4865

Tritanomaly

152.2290, 22.5651, -51.0668

Monochromacy



Original Color

154.0860, 29.5376, -47.4334

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0500, 10.8214, -17.5838

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.0860, 29.5376, -47.4334 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(100, 170, 214)` looks like.

```
.text, #text, p{  
    color:rgb(100, 170, 214)  
}
```

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(100, 170, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 170, 214) }
```

Border

The CSS property to change the border of an element to YUV 154.0860, 29.5376, -47.4334 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(100, 170, 214) }
```


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

```
.border{ border-color:rgb(100, 170, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 170, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 170, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 170, 214);  
box-shadow:4px 4px 4px 4px rgb(100, 170,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 154.0860, 29.5376, -47.4334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 170, 214) }
```

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

```
.background{ background-color: rgb(100,  
170, 214) }
```

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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