

Converting Colors

YUV(135.7900, 38.5575,
-47.1738)

Have a look what the booklet for
YUV(135.7900, 38.5575, -47.1738)
contains.

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Color

**YUV(135.7900, 38.5575,
-47.1738)**

Conversions

Conversions Part 1

Format	Color
Hex	5294D6
RGB	82, 148, 214
RGB Percent	32%, 58%, 84%
CMY	0.6784, 0.4196, 0.1608
CMYK	0.62, 0.31, 0.00, 0.16
HSL	210°, 62%, 58%
HSV	210°, 62%, 84%
XYZ	26.2072, 27.8287, 67.6085
YIQ	135.7900, -60.5220, 6.5340

Conversions

Conversions Part 2

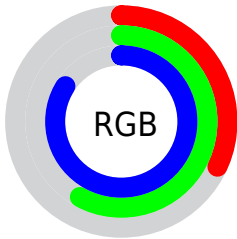
Format	Color
R _Y B	82, 126, 214
Decimal	5412054
CIE Lab	59.73, -1.00, -40.05
CIE LCh	60, 40.063, 268.565
Yxy	27.8287, 0.2154, 0.2288
Android (android.graphics.Color)	4283602134 (0xFF5294D6)
YUV	135.7900, 38.5575, -47.1738
Hunter-Lab	52.7529, -3.6403, -39.0595

Details

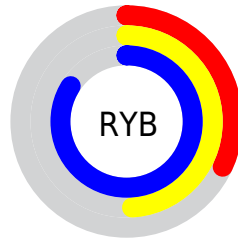
The YUV color **135.7900, 38.5575, -47.1738** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **160.2100, -38.5575, 47.1738**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.1020, 31.9947, -42.1855**, and **75.6520, 41.0906, -66.3468** is the 20% darker color. If you saturate the color by 10%, you get **123.0540, 44.8364, -54.4214**, and if you desaturate by 10%, it is **148.5260, 32.2787, -39.9263**.

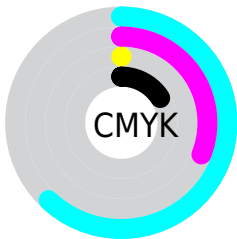
Distribution



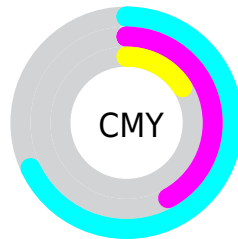
- Red (32%)
- Green (58%)
- Blue (84%)



- Red (32%)
- Yellow (49%)
- Blue (84%)



- Cyan (62%)
- Magenta (31%)
- Yellow (0%)
- Black (16%)



- Cyan (68%)
- Magenta (42%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.7900, 38.5575, -47.1738 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 135.7900, 38.5575, -47.1738 by changing the saturation by 10% instead.

■ 135.7900, 38.5575,
-47.1738

■ 135.7900, 38.5575,
-47.1738

255.0000, 0.0000,
0.0000

■ 107.1700, 38.8632,
-51.8921

■ 190.1020, 31.9947,
-42.1855

■ 75.6520, 41.0906,
-66.3468

■ 215.2090, 19.6170,
-38.7713

■ 58.4860, 36.2424,
-51.2922

■ 238.5550, 8.1074,
-33.8127

■ 42.7220, 31.6891,
-37.4672

■ 247.5250, 3.6852,
-15.3694

■ 28.1320, 26.5569,
-24.6718

■ 10.2480, 24.0347,
-8.9875

■ 5.2780, 15.1459,

-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 135.7900, 38.5575,
-47.1738

■ 135.7900, 38.5575,
-47.1738

■ 123.0540, 44.8364,
-54.4214

■ 148.5260, 32.2787,
-39.9263

■ 110.6060, 50.9732,
-62.7985

■ 160.9740, 26.1418,
-31.5492

■ 97.8700, 57.2521,
-70.0460

■ 173.7100, 19.8630,
-24.3017

■ 87.2050, 62.5099,
-76.4788

■ 186.7450, 13.4367,
-16.4394

■ 199.4810, 7.1579,
-9.1918

■ 211.6300, 1.1684,
-1.4295

■ 224.6650, -5.2578,
6.4328

■ 237.4010,
-11.5367, 13.6803

■ 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.



115.3010, 43.2356, -101.1190



135.7900, 38.5575, -47.1738



145.7850, 29.6860, -1.5654

Triad

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



135.7900, 38.5575, -47.1738



144.8240, -16.1822, 57.1594



131.7290, -12.6844, -38.3503

Complementary

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



135.7900, 38.5575, -47.1738



160.2100, -38.5575, 47.1738

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.



137.5130, -28.3539, -5.7119



135.7900, 38.5575, -47.1738



143.7180, -28.9480, 44.9743

Square

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



135.7900, 38.5575, -47.1738



146.4550, 0.2687, 53.9750



140.9080, -33.9716, 22.8827



114.4570, 13.0857, -90.7318

Rectangle

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



135.7900, 38.5575, -47.1738



147.7620, 21.3163, 23.0107



140.9080, -33.9716, 22.8827



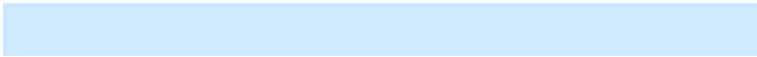
134.1990, -18.8321, -26.4845

Sweetspot

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



135.7900, 38.5575, -47.1738



226.5600, 14.0209, -17.1541



167.0080, -9.3709, -74.5520



110.2250, 8.7631, -10.7213



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.



135.7900, 38.5575, -47.1738



143.3110, 55.0627, -67.8017



97.0480, 57.6573, -13.1971



100.7760, 3.0684, -4.1886



69.3890, 50.0942, -60.8542



17.8160, 12.4157, -15.6246

Inverse Universe

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



128.9920, 9.3709, 74.5520



133.3410, 13.6359, 106.6949



198.9520, -57.6573, 13.1971



99.9730, 0.9993, 6.1627



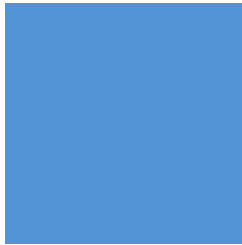
60.8190, 11.9212, 96.6287



15.3650, 3.2711, 24.2359

Previews

White Background



This preview shows how the YUV color 135.7900, 38.5575, -47.1738 looks on a white background.

Color Contrast Check

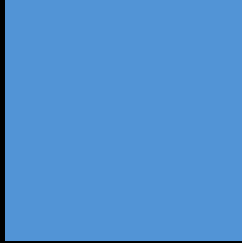
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.7900, 38.5575, -47.1738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

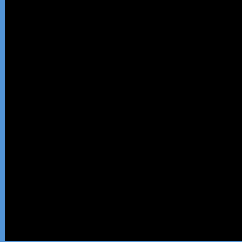
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 135.7900, 38.5575, -47.1738

Background



This preview shows how black text looks on a background with the YUV color 135.7900, 38.5575, -47.1738.

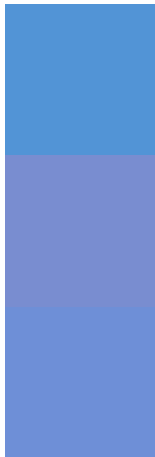


This preview shows how white text looks on a background with the YUV color 135.7900, 38.5575, -47.1738.

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

135.7900, 38.5575, -47.1738

Protanopia

142.6580, 32.2136, -18.9941

Deuteranopia

141.3410, 36.3139, -27.4861



Tritanopia

129.6640, 19.3926, -60.2183

Trichromacy



Original Color

135.7900, 38.5575, -47.1738

Protanomaly

140.4610, 34.2827, -29.3453

Deuteranomaly

139.5250, 37.2092, -34.6634

Tritanomaly

132.1190, 26.0703, -55.3554

Monochromacy



Original Color

135.7900, 38.5575, -47.1738

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.5600, 14.0209, -17.1541

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.7900, 38.5575, -47.1738 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(82, 148, 214)` looks like.

```
.text, #text, p{  
    color:rgb(82, 148, 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(82, 148, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 148, 214) }
```

Border

The CSS property to change the border of an element to YUV 135.7900, 38.5575, -47.1738 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(82, 148, 214) }
```


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

```
.border{ border-color:rgb(82, 148, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 148, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 148, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 148, 214);  
box-shadow:4px 4px 4px 4px rgb(82, 148,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 135.7900, 38.5575, -47.1738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 148, 214) }
```

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

```
.background{ background-color: rgb(82, 148,  
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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