

Converting Colors

YUV(153.5210, 29.8161,
-43.4299)

Have a look what the booklet for
YUV(153.5210, 29.8161, -43.4299)
contains.

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Color

**YUV(153.5210, 29.8161,
-43.4299)**

Conversions

Conversions Part 1

Format	Color
Hex	68A7D6
RGB	104, 167, 214
RGB Percent	41%, 65%, 84%
CMY	0.5922, 0.3451, 0.1608
CMYK	0.51, 0.22, 0.00, 0.16
HSL	206°, 57%, 62%
HSV	206°, 51%, 84%
XYZ	31.6652, 35.4355, 68.7891
YIQ	153.5210, -52.6350, 1.2610

Conversions

Conversions Part 2

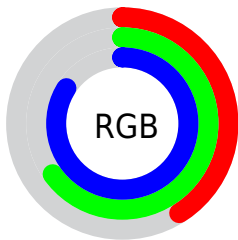
Format	Color
RYB	104, 144, 214
Decimal	6858710
CIELab	66.09, -7.20, -30.08
CIELCh	66, 30.935, 256.537
Yxy	35.4355, 0.2330, 0.2608
Android (android.graphics.Color)	4285048790 (0xFF68A7D6)
YUV	153.5210, 29.8161, -43.4299
Hunter-Lab	59.5277, -9.2221, -26.8450

Details

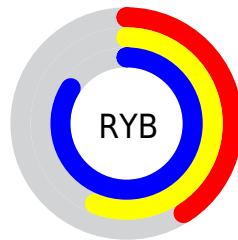
The YUV color **153.5210, 29.8161, -43.4299** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **164.4790, -29.8161, 43.4299**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.5230, 23.4062, -40.8007**, and **98.4880, 29.8324, -48.6630** is the 20% darker color. If you saturate the color by 10%, you get **141.9590, 35.5162, -51.7070**, and if you desaturate by 10%, it is **165.0830, 24.1161, -35.1528**.

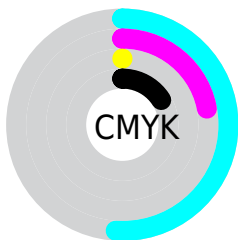
Distribution



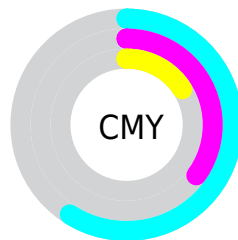
- Red (41%)
- Green (65%)
- Blue (84%)



- Red (41%)
- Yellow (56%)
- Blue (84%)



- Cyan (51%)
- Magenta (22%)
- Yellow (0%)
- Black (16%)



- Cyan (59%)
- Magenta (35%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.5210, 29.8161, -43.4299 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 153.5210, 29.8161, -43.4299 by changing the saturation by 10% instead.

■ 153.5210, 29.8161,
-43.4299

■ 153.5210, 29.8161,
-43.4299

255.0000, 0.0000,
0.0000

■ 126.3960, 29.3848,
-45.0743

■ 207.5230, 23.4062,
-40.8007

■ 98.4880, 29.8324,
-48.6630

■ 233.2170, 10.7390,
-37.9013

■ 68.5790, 31.7596,
-60.1438

■ 244.2360, 5.3067,
-22.1320

■ 51.5270, 27.3482,
-45.1892

■ 253.2060, 0.8844,
-3.6887

■ 35.8770, 23.2316,
-31.4641

■ 21.4010, 18.5363,
-18.7687

■ 5.5060, 16.0195,

-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 153.5210, 29.8161,
-43.4299

■ 153.5210, 29.8161,
-43.4299

■ 141.9590, 35.5162,
-51.7070

■ 165.0830, 24.1161,
-35.1528

■ 130.0980, 41.3637,
-60.5989

■ 176.9440, 18.2686,
-26.2609

■ 118.5360, 47.0638,
-68.8761

■ 188.5060, 12.5685,
-17.9838

■ 106.0880, 53.2006,
-77.2532

■ 200.9540, 6.4317,
-9.6067

■ 96.5970, 57.8797,
-84.7156

■ 212.5160, 0.7316,
-1.3295

■ 224.0780, -4.9685,
6.9476

■ 235.9390,
-10.8159, 15.8395

■ 241.5210,
-13.5679, 11.8211

■ 246.8040,
-16.1724, 7.1879

Harmonies

Analogous

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



145.5800, 26.8291, -65.4067



153.5210, 29.8161, -43.4299



161.0950, 26.0822, -12.3613

Triad

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



153.5210, 29.8161, -43.4299



163.4080, -8.5821, 46.1232



154.0520, -15.8016, -18.4626

Complementary

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



153.5210, 29.8161, -43.4299



164.4790, -29.8161, 43.4299

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.



157.5020, -24.8975, 5.6987



153.5210, 29.8161, -43.4299



162.4000, -19.9172, 41.7452

Square

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



153.5210, 29.8161, -43.4299



164.4960, 4.6855, 37.2760



160.2920, -26.2730, 26.9309



149.3830, -1.1748, -43.3089

Rectangle

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



153.5210, 29.8161, -43.4299



163.4350, 20.4915, 7.5115



160.2920, -26.2730, 26.9309



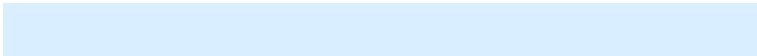
155.3690, -19.9019, -9.9706

Sweetspot

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



153.5210, 29.8161, -43.4299



234.2460, 10.2317, -15.1247



173.8140, -11.7403, -61.2269



115.2530, 6.2843, -8.9919



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.



153.5210, 29.8161, -43.4299



167.8420, 42.9689, -62.1284



121.8230, 45.4433, -15.6308



101.3630, 2.7790, -4.7034



77.0200, 46.3321, -67.5465



19.5770, 11.5475, -17.1690

Inverse Universe

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



144.0720, 11.3035, 61.3269



154.5020, 16.0215, 88.1367



196.1770, -45.4433, 15.6308



100.0870, 1.4361, 6.0627



62.3010, 17.5996, 95.3290



15.7070, 4.5814, 23.9360

Previews

White Background



This preview shows how the YUV color 153.5210, 29.8161, -43.4299 looks on a white background.

Color Contrast Check

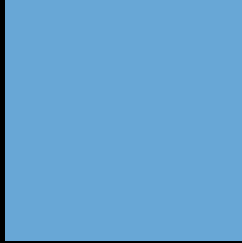
Large Text (above 18pt) WCAG AA × Fail

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 153.5210, 29.8161, -43.4299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

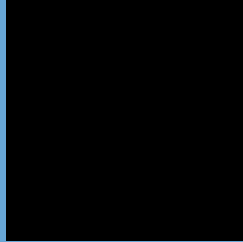
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.5210, 29.8161, -43.4299

Background



This preview shows how black text looks on a background with the YUV color 153.5210, 29.8161, -43.4299.



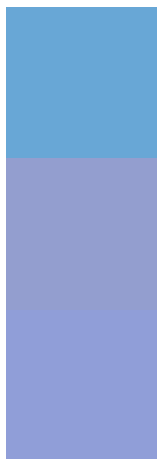
This preview shows how white text looks on a background with the YUV color 153.5210, 29.8161, -43.4299.

-43.4299.

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

153.5210, 29.8161, -43.4299

Protanopia

160.2970, 23.0246, -11.6615

Deuteranopia

160.4260, 27.3980, -14.4056



Tritanopia

150.2740, 17.6129, -49.3523

Trichromacy



Original Color

153.5210, 29.8161, -43.4299

Protanomaly

157.6160, 25.8253, -23.3422

Deuteranomaly

157.5880, 28.3041, -25.0717

Tritanomaly

151.4360, 21.9701, -46.8634

Monochromacy



Original Color

153.5210, 29.8161, -43.4299

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0610, 10.8159, -15.8395

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5210, 29.8161, -43.4299 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(104, 167, 214)` looks like.

```
.text, #text, p{  
    color:rgb(104, 167, 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(104, 167, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 167, 214) }
```

Border

The CSS property to change the border of an element to YUV 153.5210, 29.8161, -43.4299 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(104, 167, 214) }
```


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

```
.border{ border-color:rgb(104, 167, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 167, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 167, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 167, 214);  
box-shadow:4px 4px 4px 4px rgb(104, 167,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 153.5210, 29.8161, -43.4299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 167, 214) }
```

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

```
.background{ background-color: rgb(104,  
167, 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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