

Converting Colors

YUV(153.4300, 27.8890,
-31.9491)

Have a look what the booklet for
YUV(153.4300, 27.8890, -31.9491)
contains.

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Color

**YUV(153.4300, 27.8890,
-31.9491)**

Conversions

Conversions Part 1

Format	Color
Hex	75A1D2
RGB	117, 161, 210
RGB Percent	46%, 63%, 82%
CMY	0.5412, 0.3686, 0.1765
CMYK	0.44, 0.23, 0.00, 0.18
HSL	212°, 51%, 64%
HSV	212°, 44%, 82%
XYZ	31.7138, 33.9248, 65.8494
YIQ	153.4300, -41.9530, 5.9110

Conversions

Conversions Part 2

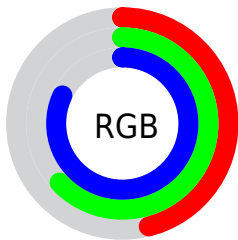
Format	Color
RYB	117, 147, 210
Decimal	7709138
CIELab	64.90, -1.92, -29.64
CIElCh	65, 29.707, 266.287
Yxy	33.9248, 0.2412, 0.2580
Android (android.graphics.Color)	4285899218 (0xFF75A1D2)
YUV	153.4300, 27.8890, -31.9491
Hunter-Lab	58.2450, -4.7372, -26.2594

Details

The YUV color $153.4300, 27.8890, -31.9491$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $173.5700, -27.8890, 31.9491$, and the grayscale version is $153.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $207.5890, 23.3736, -30.3346$, and $100.7780, 26.7314, -34.0083$ is the 20% darker color. If you saturate the color by 10%, you get $140.6940, 34.1679, -39.1966$, and if you desaturate by 10%, it is $166.1660, 21.6102, -24.7016$.

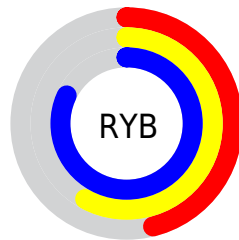
Distribution



Red (46%)

Green (63%)

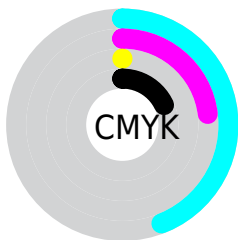
Blue (82%)



Red (46%)

Yellow (58%)

Blue (82%)

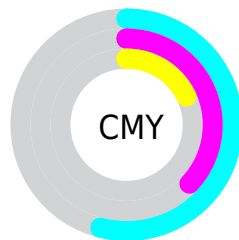


Cyan (44%)

Magenta (23%)

Yellow (0%)

Black (18%)



Cyan (54%)

Magenta (37%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.4300, 27.8890, -31.9491 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 153.4300, 27.8890, -31.9491 by changing the saturation by 10% instead.

■ 153.4300, 27.8890,
-31.9491

■ 153.4300, 27.8890,
-31.9491

■ 255.0000, 0.0000,
0.0000

■ 126.9030, 27.1628,
-32.3639

■ 207.5890, 23.3736,
-30.3346

■ 100.7780, 26.7314,
-34.0083

■ 232.3970, 11.1433,
-27.5352

■ 73.8700, 27.1791,
-37.5970

■ 247.5250, 3.6852,
-15.3694

■ 48.2500, 27.4847,
-42.3152

■ 33.0730, 22.6420,
-29.0050

■ 18.1240, 18.6729,
-15.8947

■ 5.0500, 14.2723,

-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 153.4300, 27.8890,
-31.9491

■ 153.4300, 27.8890,
-31.9491

■ 140.6940, 34.1679,
-39.1966

■ 166.1660, 21.6102,
-24.7016

■ 127.9580, 40.4467,
-46.4442

■ 178.9020, 15.3313,
-17.4541

■ 115.2220, 46.7256,
-53.6917

■ 191.6380, 9.0525,
-10.2065

■ 102.4860, 53.0044,
-60.9392

■ 204.3740, 2.7736,
-2.9590

■ 89.7500, 59.2833,
-68.1867

■ 217.1100, -3.5052,
4.2885

■ 82.0530, 63.0779,
-71.9605

■ 229.8460, -9.7841,
11.5361

■ 239.8910,
-14.7363, 13.2506

■ 246.9350,
-18.2090, 7.0730

■ 249.8700,
-19.6559, 4.4990

Harmonies

Analogous

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



145.7490, 27.2387, -56.7849



153.4300, 27.8890, -31.9491



159.5370, 22.4133, -2.2249

Triad

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



153.4300, 27.8890, -31.9491



159.7730, -12.2131, 44.0491



149.8600, -11.2700, -25.3102

Complementary

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



153.4300, 27.8890, -31.9491



173.5700, -27.8890, 31.9491

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.



153.5550, -21.9656, -1.3637



153.4300, 27.8890, -31.9491



158.4980, -21.9375, 36.3973

Square

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



153.4300, 27.8890, -31.9491



161.3670, 0.3121, 40.0201



156.3620, -25.8145, 19.8535



145.3160, 3.7882, -48.5121

Rectangle

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



153.4300, 27.8890, -31.9491



161.3390, 16.1019, 15.4887



156.3620, -25.8145, 19.8535



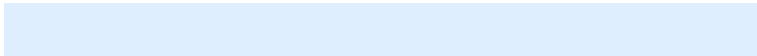
150.8780, -15.2229, -17.4330

Sweetspot

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



153.4300, 27.8890, -31.9491



235.1540, 9.7841, -11.5361



177.0630, -5.9471, -52.6753



115.2640, 6.2788, -7.2475



0.0000, 0.0000, 0.0000



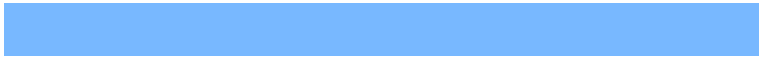
128.0000, 0.0000, 0.0000

Same Dimension

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



153.4300, 27.8890, -31.9491



172.9580, 40.4467, -46.4442



128.2000, 40.3274, -8.0684



98.1890, 3.3578, -3.6738



66.1120, 50.2308, -57.9802



15.8270, 12.4103, -13.8803

Inverse Universe

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



149.8230, 5.5103, 52.7752



167.6610, 8.0551, 76.5963



198.8000, -40.3274, 8.0684



97.8590, 0.5625, 6.2627



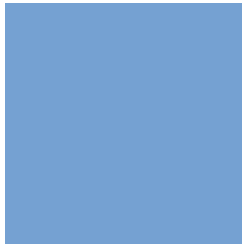
59.3520, 10.1795, 95.2843



14.4250, 2.2555, 23.3063

Previews

White Background



This preview shows how the YUV color 153.4300, 27.8890, -31.9491 looks on a white background.

Color Contrast Check

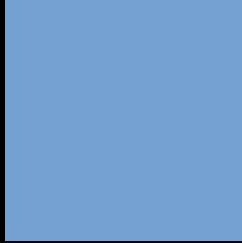
Large Text (above 18pt) WCAG AA × Fail

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 153.4300, 27.8890, -31.9491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

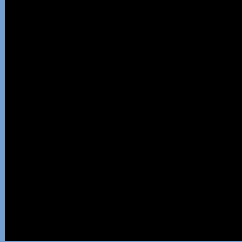
Any Text WCAG AA ✓ Pass

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 153.4300, 27.8890, -31.9491 Background



This preview shows how black text looks on a background with the YUV color 153.4300, 27.8890, -31.9491.

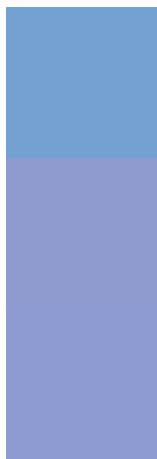


This preview shows how white text looks on a background with the YUV color 153.4300, 27.8890, -31.9491.

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

153.4300, 27.8890, -31.9491

Protanopia

157.2260, 24.0456, -12.4762

Deuteranopia

157.4970, 26.3770, -13.5909



Tritanopia

150.2540, 14.6648, -37.0568

Trichromacy



Original Color

153.4300, 27.8890, -31.9491

Protanomaly

155.8230, 25.2303, -19.1388

Deuteranomaly

155.9800, 27.1249, -20.1535

Tritanomaly

151.2310, 19.6061, -35.2826

Monochromacy



Original Color

153.4300, 27.8890, -31.9491

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.2680, 10.2209, -11.6360

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.4300, 27.8890, -31.9491 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(117, 161, 210)` looks like.

```
.text, #text, p{  
    color:rgb(117, 161, 210)  
}
```

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(117, 161, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 161, 210) }
```

Border

The CSS property to change the border of an element to YUV 153.4300, 27.8890, -31.9491 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(117, 161, 210) }
```


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

```
.border{ border-color:rgb(117, 161, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 161, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 161, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 161, 210);  
box-shadow:4px 4px 4px 4px rgb(117, 161,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 153.4300, 27.8890, -31.9491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 161, 210) }
```

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

```
.background{ background-color: rgb(117,  
161, 210) }
```

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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