

Converting Colors

YUV(155.3590, 28.9100,
-32.7638)

Have a look what the booklet for
YUV(155.3590, 28.9100, -32.7638)
contains.

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Color

**YUV(155.3590, 28.9100,
-32.7638)**

Conversions

Conversions Part 1

Format	Color
Hex	76A3D6
RGB	118, 163, 214
RGB Percent	46%, 64%, 84%
CMY	0.5373, 0.3608, 0.1608
CMYK	0.45, 0.24, 0.00, 0.16
HSL	212°, 54%, 65%
HSV	212°, 45%, 84%
XYZ	32.7060, 34.9010, 68.6311
YIQ	155.3590, -43.1910, 6.3210

Conversions

Conversions Part 2

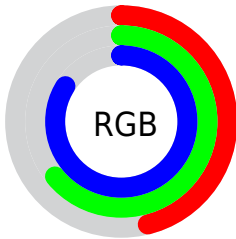
Format	Color
RYB	118, 149, 214
Decimal	7775190
CIELab	65.67, -1.66, -30.67
CIELCh	66, 30.713, 266.907
Yxy	34.9010, 0.2401, 0.2562
Android (android.graphics.Color)	4285965270 (0xFF76A3D6)
YUV	155.3590, 28.9100, -32.7638
Hunter-Lab	59.0770, -4.5644, -27.5246

Details

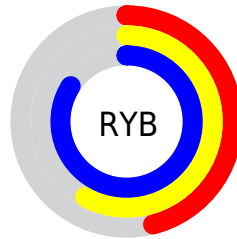
The YUV color $155.3590, 28.9100, -32.7638$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $176.6410, -28.9100, 32.7638$, and the grayscale version is $155.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $209.0620, 22.6474, -30.7494$, and $102.4080, 27.8999, -35.4378$ is the 20% darker color. If you saturate the color by 10%, you get $142.6230, 35.1889, -40.0114$, and if you desaturate by 10%, it is $168.0950, 22.6312, -25.5163$.

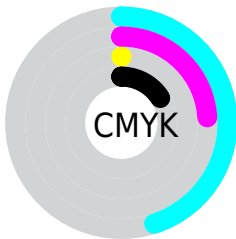
Distribution



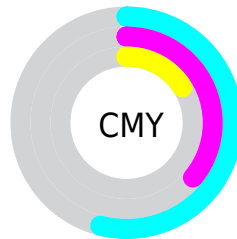
- Red (46%)
- Green (64%)
- Blue (84%)



- Red (46%)
- Yellow (58%)
- Blue (84%)



- Cyan (45%)
- Magenta (24%)
- Yellow (0%)
- Black (16%)



- Cyan (54%)
- Magenta (36%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.3590, 28.9100, -32.7638 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 155.3590, 28.9100, -32.7638 by changing the saturation by 10% instead.

■ 155.3590, 28.9100,
-32.7638

■ 155.3590, 28.9100,
-32.7638

255.0000, 0.0000,
0.0000

■ 128.5330, 28.3312,
-33.7934

■ 209.0620, 22.6474,
-30.7494

■ 102.4080, 27.8999,
-35.4378

■ 233.8700, 10.4171,
-27.9500

■ 75.5000, 28.3475,
-39.0265

■ 248.1230, 3.3904,
-14.1399

■ 49.7660, 28.2164,
-43.6448

■ 34.1160, 24.0998,
-29.9197

■ 19.6400, 19.4045,
-17.2243

■ 5.3920, 15.5827,

-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 155.3590, 28.9100,
-32.7638

■ 155.3590, 28.9100,
-32.7638

■ 142.6230, 35.1889,
-40.0114

■ 168.0950, 22.6312,
-25.5163

■ 129.0010, 41.9045,
-47.3589

■ 181.7170, 15.9155,
-18.1688

■ 116.2650, 48.1834,
-54.6064

■ 194.4530, 9.6367,
-10.9213

■ 103.2300, 54.6096,
-62.4687

■ 207.4880, 3.2104,
-3.0590

■ 89.9070, 61.1778,
-69.2014

■ 220.8110, -3.3578,
3.6738

■ 83.0960, 64.5357,
-72.8752

■ 233.5470, -9.6367,
10.9213

■ 243.2820,
-14.4360, 10.2767

■ 249.7390,
-17.6193, 4.6139

■ 250.3260,
-17.9087, 4.0991

Harmonies

Analogous

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



146.7810, 28.7020, -59.4439



155.3590, 28.9100, -32.7638



161.0640, 23.1394, -1.8101

Triad

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



155.3590, 28.9100, -32.7638



161.6700, -12.6553, 45.8934



151.2620, -10.9752, -26.5398

Complementary

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



155.3590, 28.9100, -32.7638



176.6410, -28.9100, 32.7638

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.



155.1420, -22.2550, -1.8785



155.3590, 28.9100, -32.7638



159.9820, -22.6691, 37.7268

Square

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



155.3590, 28.9100, -32.7638



163.2640, -0.1302, 41.8645



158.1340, -26.6881, 20.0535



146.2340, 4.8146, -51.0712

Rectangle

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



155.3590, 28.9100, -32.7638



163.1650, 16.6807, 16.5183



158.1340, -26.6881, 20.0535



153.0520, -15.8016, -18.4626

Sweetspot

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



155.3590, 28.9100, -32.7638



234.5670, 10.0735, -11.0213



180.0520, -5.9416, -54.4196



115.2640, 6.2788, -7.2475



0.0000, 0.0000, 0.0000



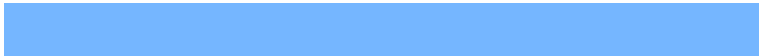
128.0000, 0.0000, 0.0000

Same Dimension

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



155.3590, 28.9100, -32.7638



170.8870, 41.4677, -47.2589



129.5420, 41.6378, -8.3683



100.1890, 3.3578, -3.6738



66.4540, 51.5412, -58.2802



16.6420, 12.9945, -14.5950

Inverse Universe

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



151.8340, 5.5048, 54.5196



165.6720, 8.0497, 78.3407



202.4580, -41.6378, 8.3683



99.8590, 0.5625, 6.2627



60.2490, 9.7372, 97.1286



15.1370, 2.3975, 24.4359

Previews

White Background



This preview shows how the YUV color 155.3590, 28.9100, -32.7638 looks on a white background.

Color Contrast Check

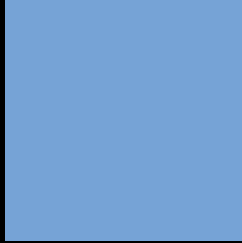
Large Text (above 18pt) WCAG AA × Fail

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 155.3590, 28.9100, -32.7638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

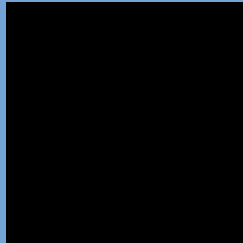
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.3590, 28.9100, -32.7638

Background



This preview shows how black text looks on a background with the YUV color 155.3590, 28.9100, -32.7638.



This preview shows how white text looks on a background with the YUV color 155.3590, 28.9100, -32.7638.

-32.7638.

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

155.3590, 28.9100, -32.7638

Protanopia

159.4540, 24.9192, -12.6762

Deuteranopia

159.4260, 27.3980, -14.4056



Tritanopia

152.5420, 14.5228, -38.1863

Trichromacy



Original Color

155.3590, 28.9100, -32.7638

Protanomaly

157.7520, 26.2513, -19.9535

Deuteranomaly

157.9090, 28.1459, -20.9682

Tritanomaly

153.6330, 19.9009, -36.5121

Monochromacy



Original Color

155.3590, 28.9100, -32.7638

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.2680, 10.2209, -11.6360

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.3590, 28.9100, -32.7638 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(118, 163, 214)` looks like.

```
.text, #text, p{  
    color:rgb(118, 163, 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(118, 163, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 163, 214) }
```

Border

The CSS property to change the border of an element to YUV 155.3590, 28.9100, -32.7638 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(118, 163, 214) }
```


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

```
.border{ border-color:rgb(118, 163, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 163, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 163, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 163, 214);  
box-shadow:4px 4px 4px 4px rgb(118, 163,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 155.3590, 28.9100, -32.7638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 163, 214) }
```

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

```
.background{ background-color: rgb(118,  
163, 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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