

Converting Colors

YUV(159.6520, 27.7796,
-43.5448)

Have a look what the booklet for
YUV(159.6520, 27.7796, -43.5448)
contains.

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Color

**YUV(159.6520, 27.7796,
-43.5448)**

Conversions

Conversions Part 1

Format	Color
Hex	6EAED8
RGB	110, 174, 216
RGB Percent	43%, 68%, 85%
CMY	0.5686, 0.3176, 0.1529
CMYK	0.49, 0.19, 0.00, 0.15
HSL	204°, 58%, 64%
HSV	204°, 49%, 85%
XYZ	33.9611, 38.5450, 70.6157
YIQ	159.6520, -51.6260, -0.5060

Conversions

Conversions Part 2

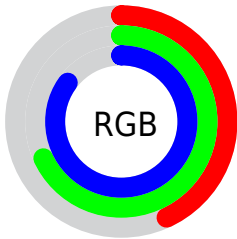
Format	Color
RYB	110, 150, 216
Decimal	7253720
CIELab	68.42, -9.08, -27.57
CIELCh	68, 29.023, 251.769
Yxy	38.5450, 0.2373, 0.2693
Android (android.graphics.Color)	4285443800 (0xFF6EAED8)
YUV	159.6520, 27.7796, -43.5448
Hunter-Lab	62.0846, -11.0061, -23.9779

Details

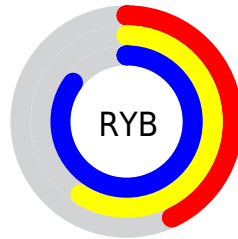
The YUV color **159.6520, 27.7796, -43.5448** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **166.3480, -27.7796, 43.5448**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4260, 20.4960, -40.7156**, and **105.2170, 27.5010, -47.5483** is the 20% darker color. If you saturate the color by 10%, you get **147.7910, 33.6270, -52.4367**, and if you desaturate by 10%, it is **171.5130, 21.9321, -34.6529**.

Distribution



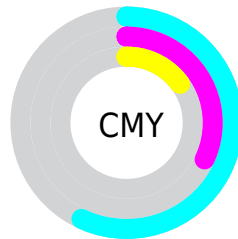
- Red (43%)
- Green (68%)
- Blue (85%)



- Red (43%)
- Yellow (59%)
- Blue (85%)



- Cyan (49%)
- Magenta (19%)
- Yellow (0%)
- Black (15%)



- Cyan (57%)
- Magenta (32%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.6520, 27.7796, -43.5448 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 159.6520, 27.7796, -43.5448 by changing the saturation by 10% instead.

■ 159.6520, 27.7796,
-43.5448

■ 159.6520, 27.7796,
-43.5448

255.0000, 0.0000,
0.0000

■ 131.9400, 27.6376,
-44.6744

■ 213.4260, 20.4960,
-40.7156

■ 105.2170, 27.5010,
-47.5483

■ 237.3590, 8.6970,
-36.2718

■ 74.7210, 29.7175,
-58.5143

■ 246.0300, 4.4222,
-18.4433

■ 55.2770, 26.4854,
-48.4779

254.7010, 0.1474,
-0.6148

■ 39.6270, 22.3689,
-34.7529

■ 24.5640, 17.9629,
-21.5426

■ 6.2070, 16.1669,

-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 159.6520, 27.7796,
-43.5448

■ 159.6520, 27.7796,
-43.5448

■ 147.7910, 33.6270,
-52.4367

■ 171.5130, 21.9321,
-34.6529

■ 136.8160, 39.0377,
-61.2286

■ 182.4880, 16.5214,
-25.8610

■ 124.9550, 44.8852,
-70.1205

■ 194.3490, 10.6739,
-16.9691

■ 113.9800, 50.2959,
-78.9125

■ 205.3240, 5.2633,
-8.1771

■ 102.1190, 56.1433,
-87.8044

■ 217.1850, -0.5842,
0.7148

■ 100.9340, 56.7275,
-88.5191

■ 228.4590, -6.1423,
10.1215

■ 238.2270,
-10.9579, 14.7099

■ 242.9230,
-13.2730, 10.5915

■ 248.2060,
-15.8776, 5.9583

Harmonies

Analogous

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



153.4020, 23.4658, -59.9886



159.6520, 27.7796, -43.5448



166.5460, 25.3668, -16.2648

Triad

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



159.6520, 27.7796, -43.5448



169.6680, -6.2453, 43.2642



161.4440, -16.9809, -13.5444

Complementary

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



159.6520, 27.7796, -43.5448



166.3480, -27.7796, 43.5448

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.



164.6380, -24.4715, 9.0875



159.6520, 27.7796, -43.5448



168.6710, -17.5858, 40.6305

Square

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



159.6520, 27.7796, -43.5448



170.9300, 6.4435, 33.3874



167.1720, -24.2418, 28.7902



157.1450, -3.5225, -36.9612

Rectangle

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



159.6520, 27.7796, -43.5448



169.7010, 20.3604, 2.8932



167.1720, -24.2418, 28.7902



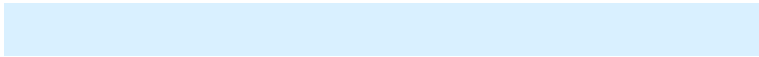
162.6900, -20.0602, -5.8671

Sweetspot

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



159.6520, 27.7796, -43.5448



234.8330, 9.9423, -15.6395



176.8960, -12.7667, -58.6678



115.2530, 6.2843, -8.9919



0.0000, 0.0000, 0.0000



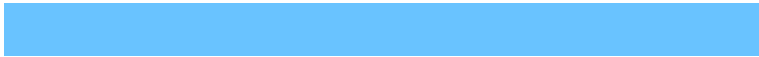
128.0000, 0.0000, 0.0000

Same Dimension

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



159.6520, 27.7796, -43.5448



174.9300, 39.4745, -61.3286



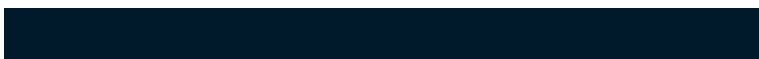
129.1280, 42.8279, -16.7753



101.3630, 2.7790, -4.7034



79.9550, 44.8852, -70.1205



20.1640, 11.2581, -17.6838

Inverse Universe

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



148.9900, 12.3299, 58.7678



160.1100, 17.2008, 83.2185



196.8720, -42.8279, 16.7753



100.0870, 1.4361, 6.0627



62.8710, 19.7836, 94.8291



15.8210, 5.0182, 23.8360

Previews

White Background



This preview shows how the YUV color 159.6520, 27.7796, -43.5448 looks on a white background.

Color Contrast Check

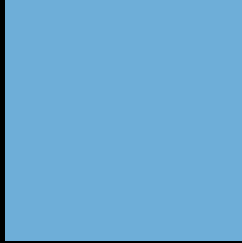
Large Text (above 18pt) WCAG AA × Fail

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 159.6520, 27.7796, -43.5448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

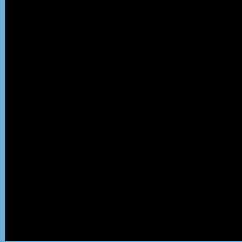
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.6520, 27.7796, -43.5448

Background



This preview shows how black text looks on a background with the YUV color 159.6520, 27.7796, -43.5448.



This preview shows how white text looks on a background with the YUV color 159.6520, 27.7796, -43.5448.

-43.5448.

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

159.6520, 27.7796, -43.5448

Protanopia

166.4390, 20.9826, -10.0320

Deuteranopia

166.5790, 25.3506, -11.0318



Tritanopia

156.9860, 17.7549, -48.2227

Trichromacy



Original Color

159.6520, 27.7796, -43.5448

Protanomaly

164.3450, 23.4939, -22.2276

Deuteranomaly

164.0290, 26.1147, -22.8274

Tritanomaly

158.2080, 21.0965, -46.6634

Monochromacy



Original Color

159.6520, 27.7796, -43.5448

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.8330, 9.9423, -15.6395

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.6520, 27.7796, -43.5448 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(110, 174, 216)` looks like.

```
.text, #text, p{  
    color:rgb(110, 174, 216)  
}
```

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(110, 174, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 174, 216) }
```

Border

The CSS property to change the border of an element to YUV 159.6520, 27.7796, -43.5448 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(110, 174, 216) }
```


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

```
.border{ border-color:rgb(110, 174, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 174, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 174, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 174, 216);  
box-shadow:4px 4px 4px 4px rgb(110, 174,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 159.6520, 27.7796, -43.5448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 174, 216) }
```

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

```
.background{ background-color: rgb(110,  
174, 216) }
```

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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