

Converting Colors

YUV(139.3210, 29.9147,
-28.3455)

Have a look what the booklet for
YUV(139.3210, 29.9147, -28.3455)
contains.

YUV(139.3210, 29.9147, -28.3455)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(139.3210, 29.9147,
-28.3455)**

Conversions

Conversions Part 1

Format	Color
Hex	6B90C8
RGB	107, 144, 200
RGB Percent	42%, 56%, 78%
CMY	0.5804, 0.4353, 0.2157
CMYK	0.46, 0.28, 0.00, 0.22
HSL	216°, 46%, 60%
HSV	216°, 46%, 78%
XYZ	26.4620, 27.2424, 58.5072
YIQ	139.3210, -40.0280, 9.5720

Conversions

Conversions Part 2

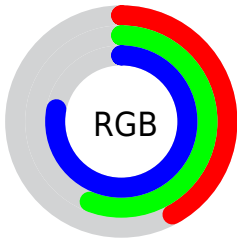
Format	Color
R _Y B	107, 133, 200
Decimal	7049416
CIE Lab	59.20, 2.36, -32.95
CIE LCh	59, 33.030, 274.091
Yxy	27.2424, 0.2358, 0.2428
Android (android.graphics.Color)	4285239496 (0xFF6B90C8)
YUV	139.3210, 29.9147, -28.3455
Hunter-Lab	52.1943, -0.8423, -29.9251

Details

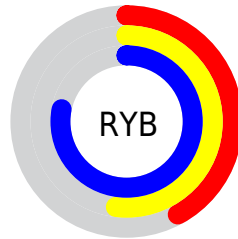
The YUV color **139.3210, 29.9147, -28.3455** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **167.6790, -29.9147, 28.3455**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.7340, 30.2041, -27.8307**, and **87.0710, 29.0520, -31.6343** is the 20% darker color. If you saturate the color by 10%, you get **126.2970, 36.3356, -34.4635**, and if you desaturate by 10%, it is **152.3450, 23.4939, -22.2276**.

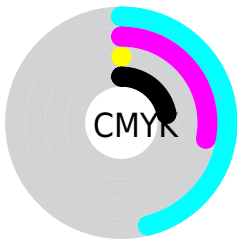
Distribution



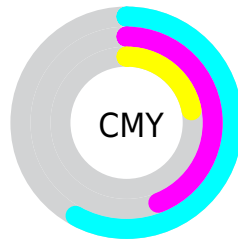
- Red (42%)
- Green (56%)
- Blue (78%)



- Red (42%)
- Yellow (52%)
- Blue (78%)



- Cyan (46%)
- Magenta (28%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.3210, 29.9147, -28.3455 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 139.3210, 29.9147, -28.3455 by changing the saturation by 10% instead.

■ 139.3210, 29.9147,
-28.3455

■ 139.3210, 29.9147,
-28.3455

■ 255.0000, 0.0000,
0.0000

■ 112.9080, 29.6254,
-28.8603

■ 193.7340, 30.2041,
-27.8307

■ 87.0710, 29.0520,
-31.6343

■ 218.8410, 17.8264,
-24.4166

■ 60.4400, 29.3631,
-38.0969

■ 243.6490, 5.5960,
-21.6172

■ 39.0060, 27.6050,
-34.2083

■ 253.2060, 0.8844,
-3.6887

■ 24.5300, 22.9097,
-21.5128

■ 7.8200, 19.8087,
-6.8581

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 139.3210, 29.9147,
-28.3455

■ 139.3210, 29.9147,
-28.3455

■ 126.2970, 36.3356,
-34.4635

■ 152.3450, 23.4939,
-22.2276

■ 113.2730, 42.7564,
-40.5814

■ 165.3690, 17.0731,
-16.1096

■ 100.2490, 49.1772,
-46.6994

■ 178.3930, 10.6523,
-9.9917

■ 87.2250, 55.5981,
-52.8173

■ 191.4170, 4.2314,
-3.8737

■ 74.2010, 62.0189,
-58.9353

■ 204.4410, -2.1894,
2.2442

■ 69.7600, 64.2083,
-61.1795

■ 217.4650, -8.6102,
8.3622

■ 230.4890,
-15.0311, 14.4801

■ 239.9250,
-19.6830, 13.2208

■ 246.9690,
-23.1557, 7.0432

Harmonies

Analogous

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



127.7850, 32.6440, -63.8324



139.3210, 29.9147, -28.3455



145.5810, 22.3916, 4.7525

Triad

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



139.3210, 29.9147, -28.3455



143.7580, -16.1497, 46.6932



132.3040, -8.0379, -35.3466

Complementary

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



139.3210, 29.9147, -28.3455



167.6790, -29.9147, 28.3455

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.



136.6250, -21.5071, -8.4411



139.3210, 29.9147, -28.3455



142.2760, -25.2791, 34.8379

Square

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



139.3210, 29.9147, -28.3455



145.6020, -2.7618, 45.9530



140.1720, -27.6928, 15.6352



124.6390, 10.5310, -64.5814

Rectangle

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



139.3210, 29.9147, -28.3455



146.7530, 14.9118, 23.8956



140.1720, -27.6928, 15.6352



133.8060, -12.7224, -26.1399

Sweetspot

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



139.3210, 29.9147, -28.3455



231.9090, 11.3839, -11.3212



167.9750, -2.4527, -53.4751



113.2040, 7.2944, -6.3179



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.



139.3210, 29.9147, -28.3455



161.7610, 45.9668, -43.6404



120.2930, 39.2956, -3.7650



92.7870, 3.0630, -2.4442



56.7370, 52.3877, -49.7583



12.3220, 11.6733, -10.8064

Inverse Universe

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



139.0250, 2.4527, 53.4751



161.2550, 3.8183, 82.2144



186.7070, -39.2956, 3.7650



93.0330, -0.0163, 5.2331



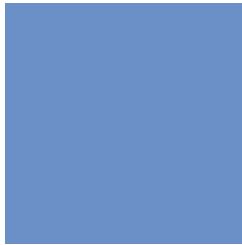
56.1470, 4.3645, 93.7101



12.3600, 0.8085, 20.7323

Previews

White Background



This preview shows how the YUV color 139.3210, 29.9147, -28.3455 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 139.3210, 29.9147, -28.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

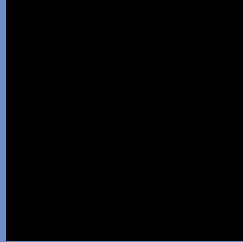
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

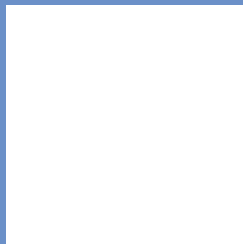
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 139.3210, 29.9147, -28.3455

Background



This preview shows how black text looks on a background with the YUV color 139.3210, 29.9147, -28.3455.

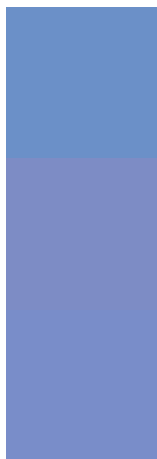


This preview shows how white text looks on a background with the YUV color 139.3210, 29.9147, -28.3455.

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

139.3210, 29.9147, -28.3455

Protanopia

142.0130, 27.1086, -14.9204

Deuteranopia

141.8600, 29.1560, -18.2942



Tritanopia

135.9230, 13.3490, -35.0125

Trichromacy



Original Color

139.3210, 29.9147, -28.3455

Protanomaly

140.6210, 28.2878, -19.8386

Deuteranomaly

140.9520, 29.6037, -21.8829

Tritanomaly

136.8400, 19.3059, -32.3087

Monochromacy



Original Color

139.3210, 29.9147, -28.3455

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.0940, 10.7997, -10.6064

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.3210, 29.9147, -28.3455 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(107, 144, 200)` looks like.

```
.text, #text, p{  
    color:rgb(107, 144, 200)  
}
```

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(107, 144, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 144, 200) }
```

Border

The CSS property to change the border of an element to YUV 139.3210, 29.9147, -28.3455 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(107, 144, 200) }
```


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

```
.border{ border-color:rgb(107, 144, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 144, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 144, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 144, 200);  
box-shadow:4px 4px 4px 4px rgb(107, 144,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 139.3210, 29.9147, -28.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 144, 200) }
```

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

```
.background{ background-color: rgb(107,  
144, 200) }
```

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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