

Converting Colors

YUV(149.2820, 28.9480,
-44.9743)

Have a look what the booklet for
YUV(149.2820, 28.9480, -44.9743)
contains.

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Color

**YUV(149.2820, 28.9480,
-44.9743)**

Conversions

Conversions Part 1

Format	Color
Hex	62A4D0
RGB	98, 164, 208
RGB Percent	38%, 64%, 82%
CMY	0.6157, 0.3569, 0.1843
CMYK	0.53, 0.21, 0.00, 0.18
HSL	204°, 54%, 60%
HSV	204°, 53%, 82%
XYZ	29.6976, 33.7017, 64.6143
YIQ	149.2820, -53.4600, -0.3080

Conversions

Conversions Part 2

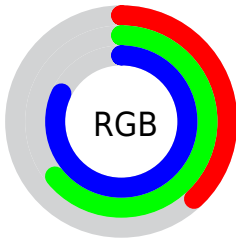
Format	Color
R _Y B	98, 139, 208
Decimal	6464720
CIE Lab	64.73, -8.67, -28.89
CIE LCh	65, 30.160, 253.297
Yxy	33.7017, 0.2320, 0.2633
Android (android.graphics.Color)	4284654800 (0xFF62A4D0)
YUV	149.2820, 28.9480, -44.9743
Hunter-Lab	58.0531, -10.2796, -25.3538

Details

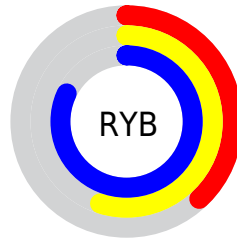
The YUV color **149.2820, 28.9480, -44.9743** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **156.7180, -28.9480, 44.9743**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.9680, 25.1588, -42.9449**, and **93.6510, 29.2591, -51.4369** is the 20% darker color. If you saturate the color by 10%, you get **138.3070, 34.3586, -53.7662**, and if you desaturate by 10%, it is **160.2570, 23.5373, -36.1824**.

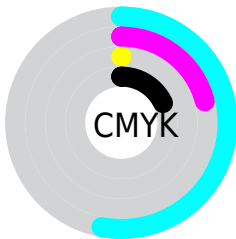
Distribution



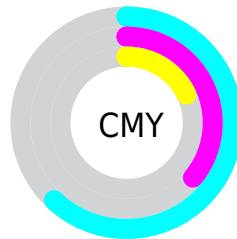
- Red (38%)
- Green (64%)
- Blue (82%)



- Red (38%)
- Yellow (55%)
- Blue (82%)



- Cyan (53%)
- Magenta (21%)
- Yellow (0%)
- Black (18%)



- Cyan (62%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.2820, 28.9480, -44.9743 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 149.2820, 28.9480, -44.9743 by changing the saturation by 10% instead.

■ 149.2820, 28.9480,
-44.9743

■ 149.2820, 28.9480,
-44.9743

255.0000, 0.0000,
0.0000

■ 122.1570, 28.5166,
-46.6187

■ 203.9680, 25.1588,
-42.9449

■ 93.6510, 29.2591,
-51.4369

■ 229.0750, 12.7810,
-39.5308

■ 66.1340, 30.0069,
-57.9995

■ 242.4420, 6.1911,
-25.8206

■ 49.7830, 25.7430,
-43.6597

■ 251.4120, 1.7689,
-7.3773

■ 34.1330, 21.6264,
-29.9346

■ 19.7710, 17.3679,
-17.3392

■ 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 149.2820, 28.9480,
-44.9743

■ 149.2820, 28.9480,
-44.9743

■ 138.3070, 34.3586,
-53.7662

■ 160.2570, 23.5373,
-36.1824

■ 126.7450, 40.0587,
-62.0434

■ 171.8190, 17.8372,
-27.9053

■ 116.0690, 45.3220,
-70.2205

■ 182.4950, 12.5740,
-19.7281

■ 105.0940, 50.7327,
-79.0124

■ 193.4700, 7.1633,
-10.9362

■ 97.0870, 54.6801,
-85.1453

■ 205.0320, 1.4632,
-2.6591

■ 216.0070, -3.9475,
6.1329

■ 226.9820, -9.3581,
14.9248

■ 235.5540,
-13.5841, 17.0541

■ 240.2500,
-15.8992, 12.9358

Harmonies

Analogous

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



142.1240, 25.0819, -65.0067



149.2820, 28.9480, -44.9743



156.3720, 25.9456, -15.2352

Triad

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



149.2820, 28.9480, -44.9743



160.1520, -6.9769, 44.5937



150.5470, -16.5387, -15.3887

Complementary

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



149.2820, 28.9480, -44.9743



156.7180, -28.9480, 44.9743

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.



154.2250, -24.7609, 8.5727



149.2820, 28.9480, -44.9743



158.7420, -18.6068, 41.4453

Square

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



149.2820, 28.9480, -44.9743



161.4140, 5.7119, 34.7169



156.6450, -24.9680, 28.3753



146.6500, -2.7855, -40.0351

Rectangle

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



149.2820, 28.9480, -44.9743



159.8260, 20.7918, 4.5376



156.6450, -24.9680, 28.3753



151.9780, -20.2022, -6.9967

Sweetspot

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



149.2820, 28.9480, -44.9743



233.3490, 10.6739, -16.9691



167.5860, -12.6139, -61.0269



114.6550, 6.5791, -10.2214



0.0000, 0.0000, 0.0000



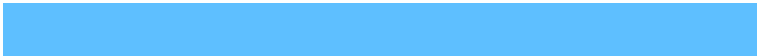
128.0000, 0.0000, 0.0000

Same Dimension

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



149.2820, 28.9480, -44.9743



169.2930, 42.2536, -66.0320



116.9970, 44.8645, -16.6604



98.7760, 3.0684, -4.1886



78.4390, 44.1536, -68.7910



18.7620, 10.9633, -16.4543

Inverse Universe

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



138.4140, 12.6139, 61.0269



153.1970, 18.6369, 89.2812



189.0030, -44.8645, 16.6604



97.9730, 0.9993, 6.1627



61.7460, 19.3522, 93.1848



14.9950, 4.4395, 22.8064

Previews

White Background



This preview shows how the YUV color 149.2820, 28.9480, -44.9743 looks on a white background.

Color Contrast Check

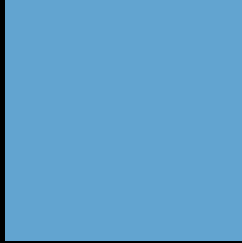
Large Text (above 18pt) WCAG AA × Fail

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 149.2820, 28.9480, -44.9743 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 149.2820, 28.9480, -44.9743

Background



This preview shows how black text looks on a background with the YUV color 149.2820, 28.9480, -44.9743.

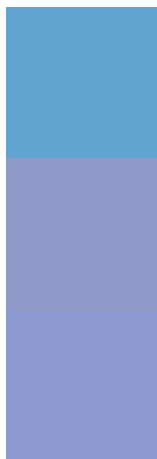


This preview shows how white text looks on a background with the YUV color 149.2820, 28.9480, -44.9743.

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

149.2820, 28.9480, -44.9743

Protanopia

156.3680, 22.0036, -10.8467

Deuteranopia

156.4970, 26.3770, -13.5909



Tritanopia

146.5620, 17.4709, -50.4819

Trichromacy



Original Color

149.2820, 28.9480, -44.9743

Protanomaly

153.9750, 24.6623, -23.6571

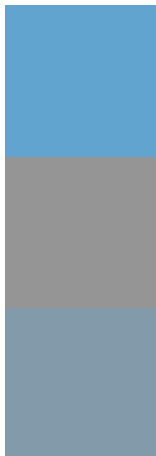
Deuteranomaly

153.9470, 27.1411, -25.3865

Tritanomaly

147.3110, 21.5387, -48.5077

Monochromacy



Original Color

149.2820, 28.9480, -44.9743

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.6480, 10.5265, -16.3543

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.2820, 28.9480, -44.9743 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(98, 164, 208)` looks like.

```
.text, #text, p{  
    color:rgb(98, 164, 208)  
}
```

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(98, 164, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 164, 208) }
```

Border

The CSS property to change the border of an element to YUV 149.2820, 28.9480, -44.9743 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

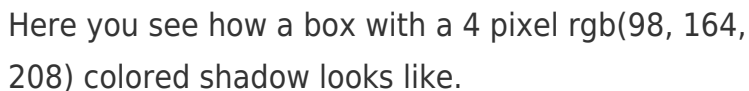
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 164, 208) }
```


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

```
.border{ border-color:rgb(98, 164, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(98, 164, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 164, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 164, 208);  
box-shadow:4px 4px 4px 4px rgb(98, 164,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 149.2820, 28.9480, -44.9743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 164, 208) }
```

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

```
.background{ background-color: rgb(98, 164,  
208) }
```

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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