

Converting Colors

YUV(124.4470, 21.9646,
-45.1190)

Have a look what the booklet for
YUV(124.4470, 21.9646, -45.1190)
contains.

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Color

**YUV(124.4470, 21.9646,
-45.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	498EA9
RGB	73, 142, 169
RGB Percent	29%, 56%, 66%
CMY	0.7137, 0.4431, 0.3373
CMYK	0.57, 0.16, 0.00, 0.34
HSL	197°, 40%, 47%
HSV	197°, 57%, 66%
XYZ	19.5821, 23.6270, 41.0645
YIQ	124.4470, -49.7910, -6.2310

Conversions

Conversions Part 2

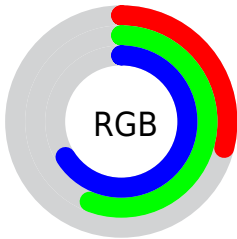
Format	Color
R_{YB}	73, 113, 169
Decimal	4820649
CIE _{Lab}	55.71, -13.80, -20.86
CIE _{LCh}	56, 25.007, 236.517
Yxy	23.6270, 0.2324, 0.2804
Android (android.graphics.Color)	4283010729 (0xFF498EA9)
YUV	124.4470, 21.9646, -45.1190
Hunter-Lab	48.6077, -13.1529, -16.0638

Details

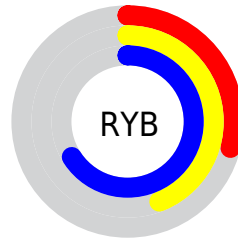
The YUV color **124.4470, 21.9646, -45.1190** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **117.5530, -21.9646, 45.1190**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.1590, 22.1066, -43.9894**, and **67.3420, 24.4814, -59.0589** is the 20% darker color. If you saturate the color by 10%, you get **116.4290, 25.9175, -52.9962**, and if you desaturate by 10%, it is **132.4650, 18.0118, -37.2418**.

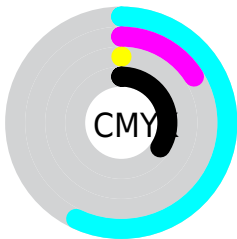
Distribution



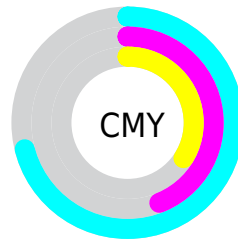
- Red (29%)
- Green (56%)
- Blue (66%)



- Red (29%)
- Yellow (44%)
- Blue (66%)



- Cyan (57%)
- Magenta (16%)
- Yellow (0%)
- Black (34%)



- Cyan (71%)
- Magenta (44%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.4470, 21.9646, -45.1190 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 124.4470, 21.9646, -45.1190 by changing the saturation by 10% instead.

■ 124.4470, 21.9646,
-45.1190

■ 124.4470, 21.9646,
-45.1190

■ 255.0000, 0.0000,
0.0000

■ 97.1370, 22.1175,
-47.4781

■ 179.1590, 22.1066,
-43.9894

■ 67.3420, 24.4814,
-59.0589

■ 207.2730, 22.5434,
-44.0894

■ 50.4040, 20.5068,
-44.2043

■ 232.6080, 11.0393,
-40.8752

■ 34.7540, 16.3903,
-30.4793

■ 242.7410, 6.0437,
-25.2059

■ 20.5060, 12.5685,
-17.9838

■ 251.7110, 1.6215,
-6.7625

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 124.4470, 21.9646,
-45.1190

■ 124.4470, 21.9646,
-45.1190

■ 116.4290, 25.9175,
-52.9962

■ 132.4650, 18.0118,
-37.2418

■ 108.4110, 29.8704,
-60.8734

■ 140.4830, 14.0589,
-29.3646

■ 100.9800, 33.5339,
-69.2655

■ 147.9140, 10.3954,
-20.9726

■ 92.9620, 37.4867,
-77.1427

■ 155.9320, 6.4425,
-13.0954

■ 90.2930, 38.8026,
-79.1870

■ 163.6510, 2.6371,
-5.8329

■ 171.6690, -1.3158,
2.0443

■ 179.1000, -4.9793,
10.4363

■ 187.1180, -8.9322,
18.3135

■ 195.1360,
-12.8850, 26.1907

Harmonies

Analogous

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



121.5790, 14.9976, -50.4968



124.4470, 21.9646, -45.1190



130.0950, 22.6312, -25.5163

Triad

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



124.4470, 21.9646, -45.1190



136.9100, 0.0444, 32.5279



130.2930, -17.8924, -1.1340

Complementary

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



124.4470, 21.9646, -45.1190



117.5530, -21.9646, 45.1190

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.



132.3060, -20.8569, 16.3946



124.4470, 21.9646, -45.1190



135.8860, -10.2968, 36.0570

Square

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



124.4470, 21.9646, -45.1190



137.1670, 10.2707, 19.1475



134.1920, -17.8427, 29.6496



127.1640, -8.9549, -21.1918

Rectangle

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



124.4470, 21.9646, -45.1190



133.6240, 20.3984, -9.3172



134.1920, -17.8427, 29.6496



131.2830, -19.3665, 5.0138

Sweetspot

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



124.4470, 21.9646, -45.1190



202.0670, 8.3480, -17.5988



132.3160, -16.4248, -52.0201



99.3130, 5.2687, -9.9215



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



124.4470, 21.9646, -45.1190



149.7950, 34.1181, -69.9802



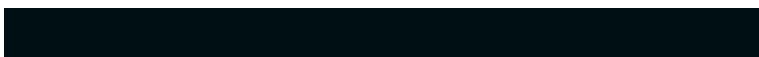
96.8580, 35.5660, -20.9235



80.4340, 1.7580, -3.8886



79.0940, 33.9707, -69.3654



11.0850, 4.3951, -9.7215

Inverse Universe

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



109.5700, 15.9880, 52.1201



126.7490, 24.7737, 80.9041



145.1420, -35.5660, 20.9235



79.0760, 1.4415, 4.3183



56.3360, 24.4844, 80.3893



7.6900, 3.6038, 10.7959

Previews

White Background



This preview shows how the YUV color 124.4470, 21.9646, -45.1190 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 124.4470, 21.9646, -45.1190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

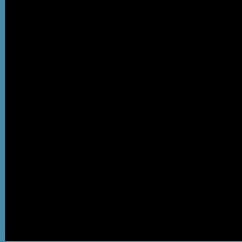
Any Text WCAG AA ✓ Pass

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 124.4470, 21.9646, -45.1190 Background



This preview shows how black text looks on a background with the YUV color 124.4470, 21.9646, -45.1190.



This preview shows how white text looks on a background with the YUV color 124.4470, 21.9646, -45.1190.

-45.1190.

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

124.4470, 21.9646, -45.1190

Protanopia

133.6260, 13.9884, -6.6880

Deuteranopia

133.2930, 19.0826, -7.2730



Tritanopia

122.6440, 16.4445, -47.9228

Trichromacy



Original Color

124.4470, 21.9646, -45.1190

Protanomaly

130.6350, 16.9419, -20.7279

Deuteranomaly

129.8460, 20.2889, -20.9129

Tritanomaly

123.2250, 18.6231, -46.6783

Monochromacy



Original Color

124.4470, 21.9646, -45.1190

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.2520, 7.7638, -16.8840

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.4470, 21.9646, -45.1190 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(73, 142, 169)` looks like.

```
.text, #text, p{  
    color:rgb(73, 142, 169)  
}
```

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(73, 142, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 142, 169) }
```

Border

The CSS property to change the border of an element to YUV 124.4470, 21.9646, -45.1190 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(73, 142, 169) }
```


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

```
.border{ border-color:rgb(73, 142, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 142, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 142, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 142, 169);  
box-shadow:4px 4px 4px 4px rgb(73, 142,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 124.4470, 21.9646, -45.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 142, 169) }
```

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

```
.background{ background-color: rgb(73, 142,  
169) }
```

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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