

Converting Colors

YUV(114.1280, 56.1389,
-39.5773)

Have a look what the booklet for
YUV(114.1280, 56.1389, -39.5773)
contains.

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Color

**YUV(114.1280, 56.1389,
-39.5773)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 4573E4 |
| RGB | 69, 115, 228 |
| RGB Percent | 27%, 45%, 89% |
| CMY | 0.7294, 0.5490, 0.1059 |
| CMYK | 0.70, 0.50, 0.00, 0.11 |
| HSL | 223°, 75%, 58% |
| HSV | 223°, 70%, 89% |
| XYZ | 22.5886, 19.1281, 75.9003 |
| YIQ | 114.1280, -63.6890, 25.3910 |

Conversions

Conversions Part 2

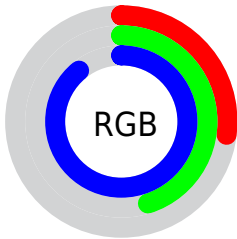
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 69, 105, 228 |
| Decimal | 4551652 |
| CIE Lab | 50.84, 21.62, -62.10 |
| CIE LCh | 51, 65.754, 289.195 |
| Yxy | 19.1281, 0.1921, 0.1626 |
| Android (android.graphics.Color) | 4282741732 (0xFF4573E4) |
| YUV | 114.1280, 56.1389, -39.5773 |
| Hunter-Lab | 43.7357, 15.6540, -72.2788 |

Details

The YUV color **114.1280, 56.1389, -39.5773** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **182.8720, -56.1389, 39.5773**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.5780, 43.5920, -28.5709**, and **59.5240, 55.4507, -52.2025** is the 20% darker color. If you saturate the color by 10%, you get **97.8590, 64.1595, -45.4803**, and if you desaturate by 10%, it is **130.3970, 48.1183, -33.6742**.

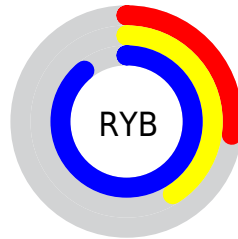
Distribution



Red (27%)

Green (45%)

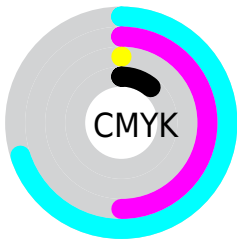
Blue (89%)



Red (27%)

Yellow (41%)

Blue (89%)

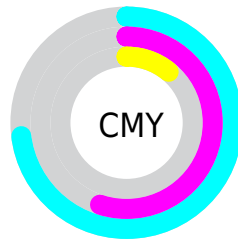


Cyan (70%)

Magenta (50%)

Yellow (0%)

Black (11%)



Cyan (73%)

Magenta (55%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.1280, 56.1389, -39.5773 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 114.1280, 56.1389, -39.5773 by changing the saturation by 10% instead.

■ 114.1280, 56.1389,
-39.5773

■ 114.1280, 56.1389,
-39.5773

255.0000, 0.0000,
0.0000

■ 82.3820, 57.4927,
-53.8320

■ 166.5780, 43.5920,
-28.5709

■ 59.5240, 55.4507,
-52.2025

■ 191.6960, 31.2089,
-23.4124

■ 44.1190, 49.7343,
-38.6924

■ 217.1020, 18.6837,
-19.3835

■ 29.8880, 43.4392,
-26.2118

■ 243.3940, 5.7218,
-15.2545

■ 10.6020, 40.6222,
-9.2980

■ 12.4480, 27.3871,
-10.9169

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 114.1280, 56.1389,
-39.5773

■ 114.1280, 56.1389,
-39.5773

■ 97.8590, 64.1595,
-45.4803

■ 130.3970, 48.1183,
-33.6742

■ 81.5900, 72.1801,
-51.3834

■ 146.6660, 40.0977,
-27.7711

■ 65.0330, 80.3427,
-56.1569

■ 163.2230, 31.9351,
-22.9976

■ 64.7340, 80.4901,
-56.7717

■ 179.4920, 23.9144,
-17.0945

■ 195.7610, 15.8938,
-11.1914

■ 212.0300, 7.8732,
-5.2883

■ 228.2990, -0.1474,
0.6148

■ 244.8560, -8.3100,
5.3883

■ 251.9220,
-11.7935, 2.6994

Harmonies

Analogous

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



105.1060, 62.5587, -92.1780



114.1280, 56.1389, -39.5773



123.8190, 35.0922, 37.8697

Triad

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



114.1280, 56.1389, -39.5773



114.5710, -39.2285, 75.7982



96.2870, 0.8445, -84.4437

Complementary

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



114.1280, 56.1389, -39.5773



182.8720, -56.1389, 39.5773

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.



96.0090, -27.6124, -57.0129



114.1280, 56.1389, -39.5773



113.8940, -56.1497, 43.0660

Square

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



114.1280, 56.1389, -39.5773



111.3200, -11.4968, 94.4354



109.2110, -53.8410, 2.4460



103.4860, 25.8894, -90.7572

Rectangle

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



114.1280, 56.1389, -39.5773



118.7710, 21.3119, 71.2378



109.2110, -53.8410, 2.4460



93.5340, -7.1653, -82.0293

Sweetspot

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



114.1280, 56.1389, -39.5773



216.5480, 18.9568, -13.6356



174.9870, 2.4714, -92.9506



104.9310, 11.3730, -7.8325



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.



114.1280, 56.1389, -39.5773



101.7900, 75.5325, -53.3128



96.6940, 64.7339, 3.7764



106.7160, 4.0840, -3.2589



50.9300, 63.1385, -44.6656



14.6190, 17.9358, -12.8209

Inverse Universe

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



121.7850, -3.3450, 93.1506



112.0540, -4.4636, 125.3636



200.3060, -64.7339, -3.7764



107.0440, -0.0217, 6.9774



59.4490, -3.6724, 104.8462



16.9590, -0.9658, 29.8540

Previews

White Background



This preview shows how the YUV color 114.1280, 56.1389, -39.5773 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 114.1280, 56.1389, -39.5773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

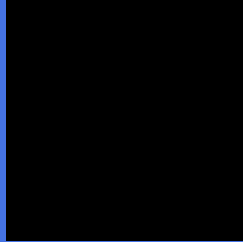
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.1280, 56.1389, -39.5773

Background



This preview shows how black text looks on a background with the YUV color 114.1280, 56.1389, -39.5773.



This preview shows how white text looks on a background with the YUV color 114.1280, 56.1389, -39.5773.

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

114.1280, 56.1389, -39.5773

Protanopia

111.3550, 58.4920, -47.6693

Deuteranopia

96.8250, 58.7533, -84.9155



Tritanopia

95.0740, 24.1205, -83.3799

Trichromacy



Original Color

114.1280, 56.1389, -39.5773

Protanomaly

112.4370, 57.4656, -45.1102

Deuteranomaly

102.9950, 57.6835, -68.4016

Tritanomaly

101.9740, 36.0018, -67.5062

Monochromacy



Original Color

114.1280, 56.1389, -39.5773

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8900, 20.2672, -13.9355

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.1280, 56.1389, -39.5773 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(69, 115, 228)` looks like.

```
.text, #text, p{  
    color:rgb(69, 115, 228)  
}
```

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(69, 115, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 115, 228) }
```

Border

The CSS property to change the border of an element to YUV 114.1280, 56.1389, -39.5773 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(69, 115, 228) }
```


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

```
.border{ border-color:rgb(69, 115, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 115, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 115, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 115, 228);  
box-shadow:4px 4px 4px 4px rgb(69, 115,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 114.1280, 56.1389, -39.5773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 115, 228) }
```

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

```
.background{ background-color: rgb(69, 115,  
228) }
```

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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