

Converting Colors

YUV(110.8180, 56.2917,
-41.9364)

Have a look what the booklet for
YUV(110.8180, 56.2917, -41.9364)
contains.

YUV(110.8180, 56.2917, -41.9364)	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(110.8180, 56.2917,
-41.9364)**

Conversions

Conversions Part 1

Format	Color
Hex	3F71E1
RGB	63, 113, 225
RGB Percent	25%, 44%, 88%
CMY	0.7529, 0.5569, 0.1176
CMYK	0.72, 0.50, 0.00, 0.12
HSL	221°, 73%, 56%
HSV	221°, 72%, 88%
XYZ	21.5456, 18.3033, 73.6315
YIQ	110.8180, -65.7520, 24.2320

Conversions

Conversions Part 2

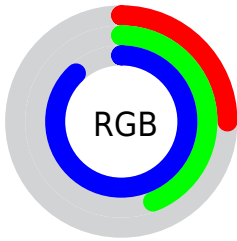
Format	Color
R _Y B	63, 101, 225
Decimal	4157921
CIE Lab	49.86, 20.98, -61.99
CIE LCh	50, 65.447, 288.696
Yxy	18.3033, 0.1899, 0.1613
Android (android.graphics.Color)	4282348001 (0xFF3F71E1)
YUV	110.8180, 56.2917, -41.9364
Hunter-Lab	42.7823, 15.0255, -72.0948

Details

The YUV color **110.8180, 56.2917, -41.9364** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **177.1820, -56.2917, 41.9364**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2080, 44.7605, -30.0004**, and **58.0080, 54.7191, -50.8730** is the 20% darker color. If you saturate the color by 10%, you get **94.8480, 64.1649, -47.2247**, and if you desaturate by 10%, it is **127.0870, 48.2711, -36.0333**.

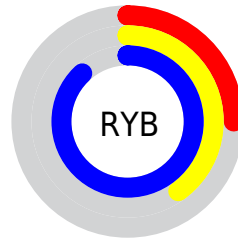
Distribution



Red (25%)

Green (44%)

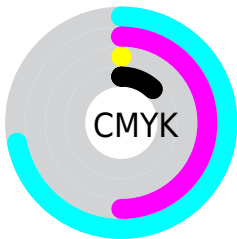
Blue (88%)



Red (25%)

Yellow (40%)

Blue (88%)

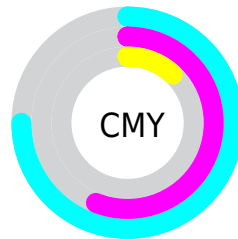


Cyan (72%)

Magenta (50%)

Yellow (0%)

Black (12%)



Cyan (75%)

Magenta (56%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.8180, 56.2917, -41.9364 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 110.8180, 56.2917, -41.9364 by changing the saturation by 10% instead.

■ 110.8180, 56.2917,
-41.9364

■ 110.8180, 56.2917,
-41.9364

■ 255.0000, 0.0000,
0.0000

■ 75.5980, 59.8512,
-63.6684

■ 164.2080, 44.7605,
-30.0004

■ 58.0080, 54.7191,
-50.8730

■ 189.0270, 32.5247,
-25.4567

■ 42.6030, 49.0027,
-37.3628

■ 214.7320, 19.8521,
-20.8130

■ 28.3720, 42.7076,
-24.8822

■ 240.1380, 7.3270,
-16.7840

■ 10.2600, 39.3118,
-8.9980

■ 254.1030, 0.4422,
-1.8443

■ 11.6330, 26.8029,
-10.2021

■ 6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 110.8180, 56.2917,
-41.9364

■ 110.8180, 56.2917,
-41.9364

■ 94.8480, 64.1649,
-47.2247

■ 127.0870, 48.2711,
-36.0333

■ 79.1660, 71.8962,
-53.6426

■ 142.4700, 40.6873,
-30.2302

■ 66.1530, 78.3116,
-58.0162

■ 158.7390, 32.6667,
-24.3271

■ 174.1220, 25.0829,
-18.5240

■ 190.3910, 17.0622,
-12.6209

■ 205.7740, 9.4784,
-6.8178

■ 221.7440, 1.6052,
-1.5295

■ 237.4260, -6.1260,
4.8884

■ 250.4060,
-12.5252, 4.0289

Harmonies

Analogous

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



102.8890, 61.6797, -90.2337



110.8180, 56.2917, -41.9364



121.2210, 35.3870, 36.6402

Triad

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



110.8180, 56.2917, -41.9364



111.7990, -38.3549, 75.5983



94.1840, 0.4023, -82.5994

Complementary

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



110.8180, 56.2917, -41.9364



177.1820, -56.2917, 41.9364

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.



93.9060, -28.0547, -55.1686



110.8180, 56.2917, -41.9364



112.1220, -55.2761, 42.8660

Square

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



110.8180, 56.2917, -41.9364



108.5480, -10.6232, 94.2354



106.8520, -52.6780, 2.7608



101.3830, 25.4472, -88.9129

Rectangle

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



110.8180, 56.2917, -41.9364



116.1730, 21.6067, 70.0083



106.8520, -52.6780, 2.7608



91.4310, -7.6075, -80.1850

Sweetspot

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



110.8180, 56.2917, -41.9364



215.3630, 19.5410, -14.3504



170.7480, 1.6032, -94.4950



104.3330, 11.6678, -9.0620



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.



110.8180, 56.2917, -41.9364



100.2950, 76.2696, -56.3867



90.4380, 66.3391, 2.2469



104.0150, 3.9366, -2.6442



51.7620, 61.2493, -45.3953



14.2770, 16.6254, -12.5209

Inverse Universe

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



117.1380, -2.0400, 94.5950



109.1190, -3.0167, 127.9376



197.5620, -66.3391, -2.2469



104.6310, -0.3111, 6.4626



58.7800, -2.3565, 102.8019



16.0620, -0.5236, 28.0096

Previews

White Background



This preview shows how the YUV color 110.8180, 56.2917, -41.9364 looks on a white 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

Black Background



This preview shows how the YUV color 110.8180, 56.2917, -41.9364 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 110.8180, 56.2917, -41.9364 Background



This preview shows how black text looks on a background with the YUV color 110.8180, 56.2917, -41.9364.



This preview shows how white text looks on a background with the YUV color 110.8180, 56.2917, -41.9364.

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

110.8180, 56.2917, -41.9364

Protanopia

108.8280, 57.7658, -48.0842

Deuteranopia

94.4940, 57.4375, -82.8712



Tritanopia

92.9710, 23.6783, -81.5356

Trichromacy



Original Color

110.8180, 56.2917, -41.9364

Protanomaly

109.7250, 57.3236, -46.2398

Deuteranomaly

100.1800, 57.0993, -67.6869

Tritanomaly

99.2730, 35.8544, -66.8914

Monochromacy



Original Color

110.8180, 56.2917, -41.9364

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.1780, 20.1252, -15.0651

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.8180, 56.2917, -41.9364 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(63, 113, 225)` looks like.

```
.text, #text, p{  
    color:rgb(63, 113, 225)  
}
```

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(63, 113, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 113, 225) }
```

Border

The CSS property to change the border of an element to YUV 110.8180, 56.2917, -41.9364 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(63, 113, 225) }
```


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

```
.border{ border-color:rgb(63, 113, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 113, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 113, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 113, 225);  
box-shadow:4px 4px 4px 4px rgb(63, 113,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 110.8180, 56.2917, -41.9364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 113, 225) }
```

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

```
.background{ background-color: rgb(63, 113,  
225) }
```

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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