

Converting Colors

YUV(113.0860, 29.5376,
-47.4334)

Have a look what the booklet for
YUV(113.0860, 29.5376, -47.4334)
contains.

YUV(113.0860, 29.5376, -47.4334)	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(113.0860, 29.5376,
-47.4334)**

Conversions

Conversions Part 1

Format	Color
Hex	3B81AD
RGB	59, 129, 173
RGB Percent	23%, 51%, 68%
CMY	0.7686, 0.4941, 0.3216
CMYK	0.66, 0.25, 0.00, 0.32
HSL	203°, 49%, 45%
HSV	203°, 66%, 68%
XYZ	17.1967, 19.6475, 42.4211
YIQ	113.0860, -55.8440, -1.1560

Conversions

Conversions Part 2

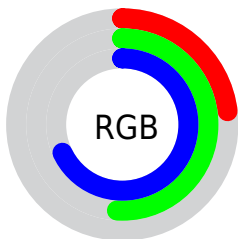
Format	Color
R_{YB}	59, 102, 173
Decimal	3899821
CIE Lab	51.44, -7.88, -29.80
CIE LCh	51, 30.828, 255.194
Yxy	19.6475, 0.2170, 0.2479
Android (android.graphics.Color)	4282089901 (0xFF3B81AD)
YUV	113.0860, 29.5376, -47.4334
Hunter-Lab	44.3254, -8.3178, -25.7150

Details


The YUV color **113.0860, 29.5376, -47.4334** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **118.9140, -29.5376, 47.4334**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.2220, 29.9636, -44.0447**, and **60.6400, 29.2645, -53.1813** is the 20% darker color. If you saturate the color by 10%, you get **103.8940, 34.0693, -54.2810**, and if you desaturate by 10%, it is **122.2780, 25.0059, -40.5858**.

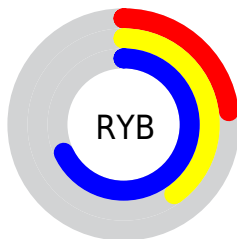
Distribution



 Red (23%)

 Green (51%)

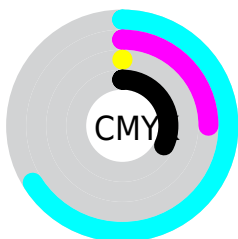
 Blue (68%)




 Red (23%)

 Yellow (40%)

 Blue (68%)

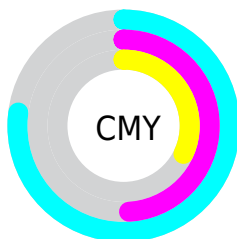



 Cyan (66%)

 Magenta (25%)

 Yellow (0%)

 Black (32%)



 Cyan (77%)

 Magenta (49%)

 Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.0860, 29.5376, -47.4334 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 113.0860, 29.5376, -47.4334 by changing the saturation by 10% instead.

■ 113.0860, 29.5376,
-47.4334

■ 113.0860, 29.5376,
-47.4334

■ 255.0000, 0.0000,
0.0000

■ 83.9710, 30.5803,
-55.2256

■ 168.2220, 29.9636,
-44.0447

■ 60.6400, 29.2645,
-53.1813

■ 195.4070, 29.3793,
-43.3299

■ 44.2890, 25.0005,
-38.8415

■ 221.1010, 16.7122,
-40.4306

■ 29.2260, 20.5946,
-25.6312

■ 239.7510, 7.5178,
-31.3536

■ 13.2170, 17.6410,
-11.5913

■ 248.4220, 3.2430,
-13.5251

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 113.0860, 29.5376,
-47.4334

■ 113.0860, 29.5376,
-47.4334

■ 103.8940, 34.0693,
-54.2810

■ 122.2780, 25.0059,
-40.5858

■ 94.9900, 38.4589,
-62.2582

■ 131.1820, 20.6163,
-32.6086

■ 85.7980, 42.9906,
-69.1058

■ 140.3740, 16.0846,
-25.7610

■ 81.9440, 44.8906,
-71.8649

■ 149.5660, 11.5530,
-18.9134

■ 158.4700, 7.1633,
-10.9362

■ 167.6620, 2.6316,
-4.0886

■ 176.8540, -1.9000,
2.7590

■ 185.4590, -6.1423,
10.1215

■ 194.9500,
-10.8214, 17.5838

Harmonies

Analogous

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



96.7840, 30.6725, -84.8796



113.0860, 29.5376, -47.4334



122.4430, 24.9246, -14.4205

Triad

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



113.0860, 29.5376, -47.4334



124.4400, -7.1189, 43.4641



116.0630, -15.8071, -16.7183

Complementary

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



113.0860, 29.5376, -47.4334



118.9140, -29.5376, 47.4334

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.



119.1430, -23.7345, 6.0136



113.0860, 29.5376, -47.4334



123.4320, -18.4540, 39.0861

Square

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



113.0860, 29.5376, -47.4334



125.7130, 5.5645, 35.3317



121.4490, -24.3784, 25.9162



110.9810, -1.4696, -42.0793

Rectangle

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



113.0860, 29.5376, -47.4334



125.3100, 20.0602, 5.8671



121.4490, -24.3784, 25.9162



117.3090, -18.8863, -9.0410

Sweetspot

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



113.0860, 29.5376, -47.4334



200.8650, 11.4056, -18.2986



130.9340, -13.7715, -63.0861



98.0570, 6.8739, -11.4510



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



113.0860, 29.5376, -47.4334



131.1610, 45.7696, -73.8092



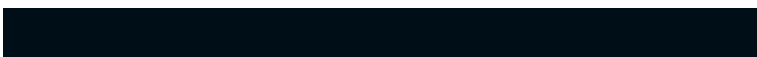
79.6270, 46.0329, -18.0899



81.9610, 2.4842, -3.4738



71.1040, 38.8957, -62.3582



10.8400, 5.9949, -9.5067

Inverse Universe

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



101.0660, 13.7715, 63.0861



112.3490, 21.5199, 97.9179



152.3730, -46.0329, 18.0899



81.2610, 0.8573, 5.0331



55.3380, 18.0744, 83.0186



8.4730, 2.7248, 12.7402

Previews

White Background



This preview shows how the YUV color 113.0860, 29.5376, -47.4334 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 113.0860, 29.5376, -47.4334 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 113.0860, 29.5376, -47.4334

Background



This preview shows how black text looks on a background with the YUV color 113.0860, 29.5376, -47.4334.

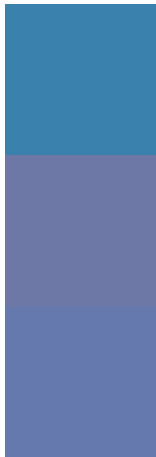


This preview shows how white text looks on a background with the YUV color 113.0860, 29.5376, -47.4334.

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

113.0860, 29.5376, -47.4334

Protanopia

121.9550, 21.7142, -11.3615

Deuteranopia

121.4750, 26.3878, -17.0796



Tritanopia

108.0450, 18.2188, -57.0445

Trichromacy



Original Color

113.0860, 29.5376, -47.4334

Protanomaly

118.6760, 24.8097, -24.2719

Deuteranomaly

118.3380, 27.4414, -28.3604

Tritanomaly

109.8050, 22.2811, -53.3260

Monochromacy



Original Color

113.0860, 29.5376, -47.4334

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0500, 10.8214, -17.5838

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.0860, 29.5376, -47.4334 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(59, 129, 173)` looks like.

```
.text, #text, p{  
    color:rgb(59, 129, 173)  
}
```

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(59, 129, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 129, 173) }
```

Border

The CSS property to change the border of an element to YUV 113.0860, 29.5376, -47.4334 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(59, 129, 173) }
```


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

```
.border{ border-color:rgb(59, 129, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 129, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 129, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 129, 173);  
box-shadow:4px 4px 4px 4px rgb(59, 129,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 113.0860, 29.5376, -47.4334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 129, 173) }
```

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

```
.background{ background-color: rgb(59, 129,  
173) }
```

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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