

Converting Colors

YUV(112.6930, 35.6474,
-47.0888)

Have a look what the booklet for
YUV(112.6930, 35.6474, -47.0888)
contains.

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Color

**YUV(112.6930, 35.6474,
-47.0888)**

Conversions

Conversions Part 1

Format	Color
Hex	3B7EB9
RGB	59, 126, 185
RGB Percent	23%, 49%, 73%
CMY	0.7686, 0.5059, 0.2745
CMYK	0.68, 0.32, 0.00, 0.27
HSL	208°, 52%, 48%
HSV	208°, 68%, 73%
XYZ	18.0214, 19.3543, 48.6849
YIQ	112.6930, -58.8710, 4.1450

Conversions

Conversions Part 2

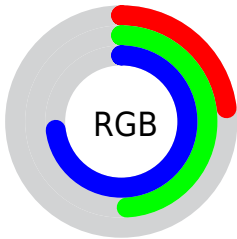
Format	Color
R_{YB}	59, 103, 185
Decimal	3899065
CIE _{Lab}	51.10, -1.97, -37.25
CIE _{LCh}	51, 37.299, 266.965
Yxy	19.3543, 0.2094, 0.2249
Android (android.graphics.Color)	4282089145 (0xFF3B7EB9)
YUV	112.6930, 35.6474, -47.0888
Hunter-Lab	43.9935, -3.8682, -34.8170

Details

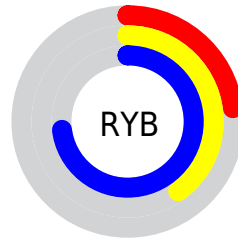
The YUV color **112.6930, 35.6474, -47.0888** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **131.3070, -35.6474, 47.0888**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5410, 36.2153, -42.5705**, and **60.2470, 35.3742, -52.8366** is the 20% darker color. If you saturate the color by 10%, you get **102.0280, 40.9052, -53.5216**, and if you desaturate by 10%, it is **123.6570, 30.2421, -40.0412**.

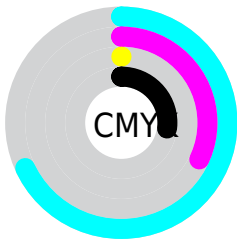
Distribution



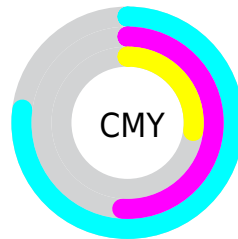
- Red (23%)
- Green (49%)
- Blue (73%)



- Red (23%)
- Yellow (40%)
- Blue (73%)



- Cyan (68%)
- Magenta (32%)
- Yellow (0%)
- Black (27%)



- Cyan (77%)
- Magenta (51%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.6930, 35.6474, -47.0888 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 112.6930, 35.6474, -47.0888 by changing the saturation by 10% instead.

■ 112.6930, 35.6474,
-47.0888

■ 112.6930, 35.6474,
-47.0888

255.0000, 0.0000,
0.0000

■ 82.3820, 37.2797,
-57.3400

■ 167.5410, 36.2153,
-42.5705

■ 60.2470, 35.3742,
-52.8366

■ 194.2440, 29.9527,
-40.5560

■ 44.3690, 30.3841,
-38.9116

■ 219.3510, 17.5750,
-37.1418

■ 29.1920, 25.5413,
-25.6014

■ 240.6480, 7.0755,
-29.5093

■ 13.0690, 22.1510,
-11.4615

■ 249.3190, 2.8007,
-11.6808

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 112.6930, 35.6474,
-47.0888

■ 112.6930, 35.6474,
-47.0888

■ 102.0280, 40.9052,
-53.5216

■ 123.6570, 30.2421,
-40.0412

■ 91.6510, 46.0211,
-61.0839

■ 133.7350, 25.2736,
-33.0936

■ 80.9860, 51.2789,
-67.5167

■ 144.6990, 19.8684,
-26.0460

■ 78.6160, 52.4473,
-68.9462

■ 155.3640, 14.6105,
-19.6132

■ 165.7410, 9.4947,
-12.0509

■ 176.4060, 4.2368,
-5.6181

■ 187.3700, -1.1684,
1.4295

■ 197.4480, -6.1369,
8.3771

■ 208.4120,
-11.5421, 15.4247

Harmonies

Analogous

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



98.4940, 37.2245, -86.3792



112.6930, 35.6474, -47.0888



123.3780, 26.9286, -3.8395

Triad

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



112.6930, 35.6474, -47.0888



122.4750, -13.5452, 51.3264



110.8760, -12.2639, -33.2173

Complementary

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



112.6930, 35.6474, -47.0888



131.3070, -35.6474, 47.0888

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.



115.8060, -26.0334, -3.3379



112.6930, 35.6474, -47.0888



120.9070, -25.5902, 41.3006

Square

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



112.6930, 35.6474, -47.0888



124.2370, 0.8692, 48.0272



119.4070, -30.7667, 21.5681



94.3440, 11.1694, -82.7397

Rectangle

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



112.6930, 35.6474, -47.0888



124.9850, 19.7274, 19.3072



119.4070, -30.7667, 21.5681



112.8620, -17.6800, -22.6810

Sweetspot

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



112.6930, 35.6474, -47.0888



212.1470, 13.7315, -17.6689



139.6880, -10.6922, -70.7634



103.1110, 8.3263, -10.6213



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



112.6930, 35.6474, -47.0888



127.0930, 55.6632, -73.7496



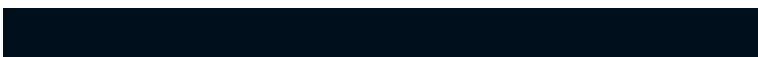
75.7120, 53.8790, -14.6564



86.9610, 2.4842, -3.4738



66.5050, 44.1210, -58.3249



11.9970, 7.8895, -10.5214

Inverse Universe

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



104.3120, 10.6922, 70.7634



113.8730, 16.8246, 110.6134



168.2880, -53.8790, 14.6564



86.2610, 0.8573, 5.0331



56.1060, 13.2587, 87.6070



10.0820, 2.4246, 15.7141

Previews

White Background



This preview shows how the YUV color 112.6930, 35.6474, -47.0888 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 112.6930, 35.6474, -47.0888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

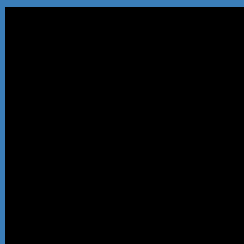
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

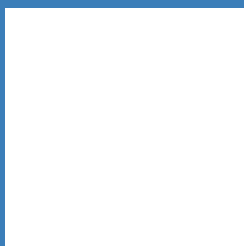
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 112.6930, 35.6474, -47.0888

Background



This preview shows how black text looks on a background with the YUV color 112.6930, 35.6474, -47.0888.

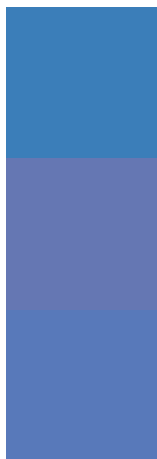


This preview shows how white text looks on a background with the YUV color 112.6930, 35.6474, -47.0888.

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

112.6930, 35.6474, -47.0888

Protanopia

120.4580, 28.8612, -17.0647

Deuteranopia

118.5430, 33.2563, -26.7862



Tritanopia

104.4570, 19.9877, -64.4218

Trichromacy



Original Color

112.6930, 35.6474, -47.0888

Protanomaly

117.9620, 31.0777, -28.0307

Deuteranomaly

116.4280, 34.2990, -34.5784

Tritanomaly

107.3960, 25.9338, -58.2293

Monochromacy



Original Color

112.6930, 35.6474, -47.0888

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9190, 12.8579, -17.4690

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.6930, 35.6474, -47.0888 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, 126, 185)` looks like.

```
.text, #text, p{  
    color:rgb(59, 126, 185)  
}
```

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, 126, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 126, 185) }
```

Border

The CSS property to change the border of an element to YUV 112.6930, 35.6474, -47.0888 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, 126, 185) }
```


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

```
.border{ border-color:rgb(59, 126, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 126, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 126, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 126, 185);  
box-shadow:4px 4px 4px 4px rgb(59, 126,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 112.6930, 35.6474, -47.0888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 126, 185) }
```

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

```
.background{ background-color: rgb(59, 126,  
185) }
```

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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