

Converting Colors

YUV(124.3140, 47.1732,
-57.2804)

Have a look what the booklet for
YUV(124.3140, 47.1732, -57.2804)
contains.

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Color

**YUV(124.3140, 47.1732,
-57.2804)**

Conversions

Conversions Part 1

Format	Color
Hex	3B8BDC
RGB	59, 139, 220
RGB Percent	23%, 55%, 86%
CMY	0.7686, 0.4549, 0.1373
CMYK	0.73, 0.37, 0.00, 0.14
HSL	210°, 70%, 55%
HSV	210°, 73%, 86%
XYZ	23.9545, 24.5624, 71.1886
YIQ	124.3140, -73.6810, 8.2310

Conversions

Conversions Part 2

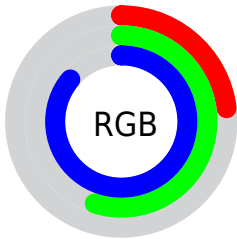
Format	Color
R_{YB}	59, 112, 220
Decimal	3902428
CIE _{Lab}	56.65, 2.70, -48.33
CIE _{LCh}	57, 48.408, 273.195
Yxy	24.5624, 0.2001, 0.2052
Android (android.graphics.Color)	4282092508 (0xFF3B8BDC)
YUV	124.3140, 47.1732, -57.2804
Hunter-Lab	49.5604, -0.4546, -50.4719

Details

The YUV color **124.3140, 47.1732, -57.2804** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **154.6860, -47.1732, 57.2804**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.1490, 37.3945, -47.4887**, and **71.5260, 45.5897, -62.7283** is the 20% darker color. If you saturate the color by 10%, you get **111.2790, 53.5995, -65.1427**, and if you desaturate by 10%, it is **137.3490, 40.7469, -49.4181**.

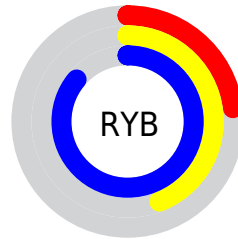
Distribution



Red (23%)

Green (55%)

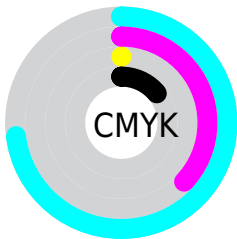
Blue (86%)



Red (23%)

Yellow (44%)

Blue (86%)

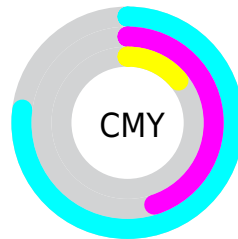


Cyan (73%)

Magenta (37%)

Yellow (0%)

Black (14%)



Cyan (77%)

Magenta (45%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.3140, 47.1732, -57.2804 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 124.3140, 47.1732, -57.2804 by changing the saturation by 10% instead.

■ 124.3140, 47.1732,
-57.2804

■ 124.3140, 47.1732,
-57.2804

255.0000, 0.0000,
0.0000

■ 88.8060, 50.8746,
-77.8829

■ 179.1490, 37.3945,
-47.4887

■ 71.5260, 45.5897,
-62.7283

■ 204.8540, 24.7220,
-42.8450

■ 55.0610, 40.8889,
-48.2885

■ 230.2600, 12.1968,
-38.8160

■ 39.1830, 35.8988,
-34.3635

■ 243.3390, 5.7489,
-23.9763

■ 25.1800, 30.4773,
-22.0829

■ 252.6080, 1.1793,
-4.9182

■ 10.7040, 25.7819,
-9.3874

■ 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 124.3140, 47.1732,
-57.2804

■ 124.3140, 47.1732,
-57.2804

■ 111.2790, 53.5995,
-65.1427

■ 137.3490, 40.7469,
-49.4181

■ 98.2440, 60.0257,
-73.0050

■ 150.3840, 34.3207,
-41.5558

■ 89.0630, 64.5519,
-78.1083

■ 163.4190, 27.8944,
-33.6935

■ 176.4540, 21.4682,
-25.8312

■ 189.4890, 15.0419,
-17.9689

■ 202.5240, 8.6157,
-10.1065

■ 215.5590, 2.1894,
-2.2442

■ 229.1810, -4.5262,
5.1033

■ 241.6180,
-10.6577, 11.7360

Harmonies

Analogous

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



112.1040, 48.7557, -98.3152



124.3140, 47.1732, -57.2804



138.8550, 33.5955, 4.5122

Triad

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



124.3140, 47.1732, -57.2804



134.9130, -21.1561, 65.8513



116.2920, -10.0040, -58.1381

Complementary

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



124.3140, 47.1732, -57.2804



154.6860, -47.1732, 57.2804

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.



126.8450, -31.9686, -13.0191



124.3140, 47.1732, -57.2804



133.7910, -36.3790, 48.4183

Square

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



124.3140, 47.1732, -57.2804



136.0760, -1.5165, 66.5853



130.9480, -41.3864, 21.0936



108.0050, 15.2805, -94.7204

Rectangle

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



124.3140, 47.1732, -57.2804



139.6970, 23.3204, 33.5917



130.9480, -41.3864, 21.0936



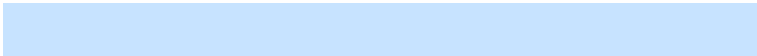
121.1110, -18.7887, -40.4393

Sweetspot

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



124.3140, 47.1732, -57.2804



221.8200, 16.3577, -20.0131



162.7410, -11.2113, -90.9809



107.8550, 9.9315, -12.1508



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.



124.3140, 47.1732, -57.2804



121.6930, 65.7204, -79.5378



77.3540, 70.3245, -16.0965



103.1890, 3.3578, -3.6738



70.2040, 50.6784, -61.5689



18.7450, 13.4367, -16.4394

Inverse Universe

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



116.2590, 11.2113, 90.9809



110.6300, 15.4654, 126.6125



201.6460, -70.3245, 16.0965



102.8590, 0.5625, 6.2627



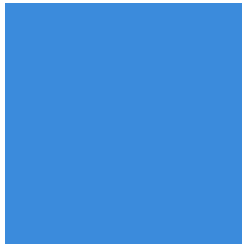
61.5310, 12.0632, 97.7583



16.3760, 3.2656, 25.9802

Previews

White Background



This preview shows how the YUV color 124.3140, 47.1732, -57.2804 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 124.3140, 47.1732, -57.2804 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 124.3140, 47.1732, -57.2804 Background



This preview shows how black text looks on a background with the YUV color 124.3140, 47.1732, -57.2804.



This preview shows how white text looks on a background with the YUV color 124.3140, 47.1732, -57.2804.

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

124.3140, 47.1732, -57.2804

Protanopia

132.9760, 39.9448, -25.4120

Deuteranopia

129.5440, 45.0878, -41.6961



Tritanopia

106.5180, 27.3526, -93.4163

Trichromacy



Original Color

124.3140, 47.1732, -57.2804

Protanomaly

130.1810, 42.3088, -36.9927

Deuteranomaly

127.7390, 45.9777, -47.1291

Tritanomaly

112.8430, 34.5874, -80.5463

Monochromacy



Original Color

124.3140, 47.1732, -57.2804

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.7490, 17.3787, -20.8279

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.3140, 47.1732, -57.2804 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, 139, 220)` looks like.

```
.text, #text, p{  
    color:rgb(59, 139, 220)  
}
```

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, 139, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 139, 220) }
```

Border

The CSS property to change the border of an element to YUV 124.3140, 47.1732, -57.2804 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, 139, 220) }
```


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

```
.border{ border-color:rgb(59, 139, 220) }
```

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

Here you see how a box with a 4 pixel rgb(59, 139, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 139, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 139, 220);  
box-shadow:4px 4px 4px 4px rgb(59, 139,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 124.3140, 47.1732, -57.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 139, 220) }
```

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

```
.background{ background-color: rgb(59, 139,  
220) }
```

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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