

Converting Colors

YUV(124.8290, -0.9017,
-37.5610)

Have a look what the booklet for
YUV(124.8290, -0.9017, -37.5610)
contains.

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Color

**YUV(124.8290, -0.9017,
-37.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	52937B
RGB	82, 147, 123
RGB Percent	32%, 58%, 48%
CMY	0.6784, 0.4235, 0.5176
CMYK	0.44, 0.00, 0.16, 0.42
HSL	158°, 28%, 45%
HSV	158°, 44%, 58%
XYZ	17.4885, 24.0913, 22.4672
YIQ	124.8290, -31.0360, -21.2440

Conversions

Conversions Part 2

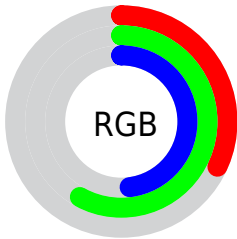
Format	Color
RYB	82, 122, 147
Decimal	5411707
CIELab	56.18, -26.73, 6.26
CIELCh	56, 27.455, 166.815
Yxy	24.0913, 0.2731, 0.3762
Android (android.graphics.Color)	4283601787 (0xFF52937B)
YUV	124.8290, -0.9017, -37.5610
Hunter-Lab	49.0829, -22.2945, 7.2186

Details

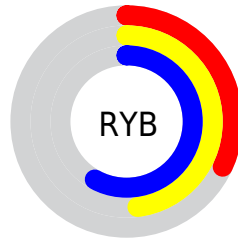
The YUV color $124.8290, -0.9017, -37.5610$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $104.1710, 0.9017, 37.5610$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $178.3020, -1.6279, -37.9759$, and $73.4590, 0.2667, -38.9905$ is the 20% darker color. If you saturate the color by 10%, you get $119.7740, -0.8746, -46.2828$, and if you desaturate by 10%, it is $129.8840, -0.9288, -28.8393$.

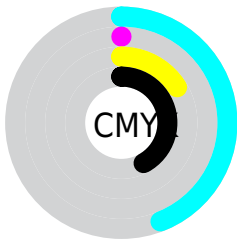
Distribution



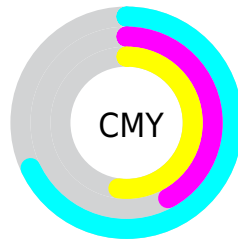
- Red (32%)
- Green (58%)
- Blue (48%)



- Red (32%)
- Yellow (48%)
- Blue (58%)



- Cyan (44%)
- Magenta (0%)
- Yellow (16%)
- Black (42%)



- Cyan (68%)
- Magenta (42%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.8290, -0.9017, -37.5610 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 124.8290, -0.9017, -37.5610 by changing the saturation by 10% instead.

124.8290, -0.9017,
-37.5610

124.8290, -0.9017,
-37.5610

255.0000, 0.0000,
0.0000

98.9430, -0.4649,
-37.6610

178.3020, -1.6279,
-37.9759

73.4590, 0.2667,
-38.9905

206.5900, -1.7699,
-39.1054

48.1920, 1.8773,
-42.2644

232.8290, -0.9017,
-37.5610

32.2970, -0.6394,
-28.3245

243.9370, 5.4541,
-22.7467

18.2940, -6.0609,
-16.0438

252.6080, 1.1793,
-4.9182

0.0000, 0.0000,
0.0000

■ 124.8290, -0.9017,
-37.5610

■ 124.8290, -0.9017,
-37.5610

■ 119.7740, -0.8746,
-46.2828

■ 129.8840, -0.9288,
-28.8393

■ 114.9040, -1.4317,
-54.2898

■ 134.7540, -0.3717,
-20.8323

■ 109.8490, -1.4046,
-63.0116

■ 139.8090, -0.3988,
-12.1105

■ 104.6800, -1.8142,
-71.6334

■ 144.9780, 0.0108,
-3.4887

■ 99.9240, -1.9345,
-79.7403

■ 150.0330, -0.0163,
5.2331

■ 96.8910, -1.9183,
-84.9734

■ 154.9030, 0.5408,
13.2401

■ 159.9580, 0.5137,
21.9618

■ 165.0130, 0.4866,

30.6836

■ 169.8830, 1.0437,
38.6906

Harmonies

Analogous

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



129.2310, -13.9179, -15.9886



124.8290, -0.9017, -37.5610



121.0900, 13.2666, -55.3299

Triad

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



124.8290, -0.9017, -37.5610



134.7810, 22.2930, -10.3319



136.0510, -17.2801, 35.9123

Complementary

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



124.8290, -0.9017, -37.5610



104.1710, 0.9017, 37.5610

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.



137.0050, -7.3975, 39.4606



124.8290, -0.9017, -37.5610



137.8720, 14.3601, 14.1443

Square

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



124.8290, -0.9017, -37.5610



128.5280, 25.8687, -37.2971



138.2350, 3.8281, 32.2429



134.4810, -22.9151, 23.2572

Rectangle

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



124.8290, -0.9017, -37.5610



120.6040, 20.4082, -59.2887



138.2350, 3.8281, 32.2429



136.4580, -14.5228, 38.1863

Sweetspot

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



124.8290, -0.9017, -37.5610



182.4990, -0.2460, -14.4696



127.6300, -22.4956, -18.0925



91.5320, -0.2623, -9.2366



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



124.8290, -0.9017, -37.5610



156.5830, -1.2734, -58.3933



122.8690, 11.8966, -35.8421



71.5650, -0.2785, -4.0035



90.9240, -1.9345, -79.7403



6.5540, -0.2731, -5.7479

Inverse Universe

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



104.1710, 0.9017, 37.5610



124.4170, 1.2734, 58.3933



106.1310, -11.8966, 35.8421



69.3210, -0.1583, 4.1035



47.0760, 1.9345, 79.7403



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 124.8290, -0.9017, -37.5610 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 124.8290, -0.9017, -37.5610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

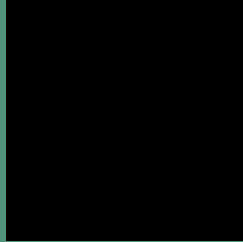
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.8290, -0.9017, -37.5610

Background



This preview shows how black text looks on a background with the YUV color 124.8290, -0.9017, -37.5610.



This preview shows how white text looks on a background with the YUV color 124.8290, -0.9017,

-37.5610.

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

124.8290, -0.9017, -37.5610

Protanopia

134.0410, -8.8942, 6.1030

Deuteranopia

135.0510, -3.9691, 13.1103



Tritanopia

128.4070, 12.6173, -33.6829

Trichromacy



Original Color

124.8290, -0.9017, -37.5610

Protanomaly

131.0390, -5.9352, -9.6812

Deuteranomaly

131.5710, -2.7465, -5.7628

Tritanomaly

126.8430, 7.9654, -34.9423

Monochromacy



Original Color

124.8290, -0.9017, -37.5610

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.7980, -0.3934, -13.8548

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.8290, -0.9017, -37.5610 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(82, 147, 123)` looks like.

```
.text, #text, p{  
    color:rgb(82, 147, 123)  
}
```

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(82, 147, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 147, 123) }
```

Border

The CSS property to change the border of an element to YUV 124.8290, -0.9017, -37.5610 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(82, 147, 123) }
```


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

```
.border{ border-color:rgb(82, 147, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 147, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 147, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 147, 123);  
box-shadow:4px 4px 4px 4px rgb(82, 147,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 124.8290, -0.9017, -37.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 147, 123) }
```

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

```
.background{ background-color: rgb(82, 147,  
123) }
```

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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