

Converting Colors

YUV(122.3120, -33.6778,
-24.8296)

Have a look what the booklet for
YUV(122.3120, -33.6778, -24.8296)
contains.

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Color

**YUV(122.3120, -33.6778,
-24.8296)**

Conversions

Conversions Part 1

Format	Color
Hex	5E9636
RGB	94, 150, 54
RGB Percent	37%, 59%, 21%
CMY	0.6314, 0.4118, 0.7882
CMYK	0.37, 0.00, 0.64, 0.41
HSL	95°, 47%, 40%
HSV	95°, 64%, 59%
XYZ	16.1883, 24.4587, 7.3578
YIQ	122.3120, -2.5600, -41.7280

Conversions

Conversions Part 2

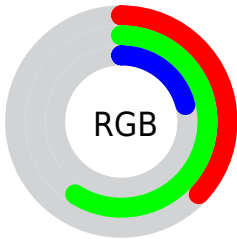
Format	Color
RYB	54, 150, 110
Decimal	6198838
CIELab	56.54, -35.53, 43.61
CIELCh	57, 56.257, 129.172
Yxy	24.4587, 0.3372, 0.5095
Android (android.graphics.Color)	4284388918 (0xFF5E9636)
YUV	122.3120, -33.6778, -24.8296
Hunter-Lab	49.4558, -28.1194, 25.7981

Details

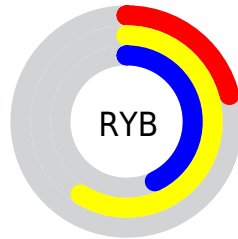
The YUV color **122.3120, -33.6778, -24.8296** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **81.6880, 33.6778, 24.8296**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.5570, -35.2776, -25.0445**, and **70.0730, -34.5460, -26.3740** is the 20% darker color. If you saturate the color by 10%, you get **117.9110, -38.9031, -28.8629**, and if you desaturate by 10%, it is **126.7130, -28.4525, -20.7963**.

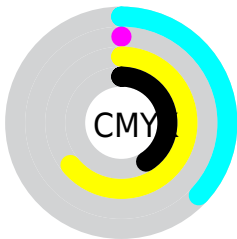
Distribution



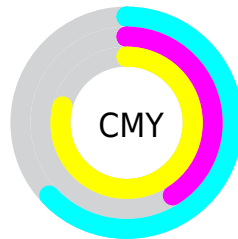
- Red (37%)
- Green (59%)
- Blue (21%)



- Red (21%)
- Yellow (59%)
- Blue (43%)



- Cyan (37%)
- Magenta (0%)
- Yellow (64%)
- Black (41%)



- Cyan (63%)
- Magenta (41%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.3120, -33.6778, -24.8296 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 122.3120, -33.6778, -24.8296 by changing the saturation by 10% instead.

■ 122.3120,
-33.6778, -24.8296

■ 122.3120,
-33.6778, -24.8296

■ 255.0000, 0.0000,
0.0000

■ 96.3120, -33.6778,
-24.8296

■ 176.5570,
-35.2776, -25.0445

■ 70.0730, -34.5460,
-26.3740

■ 204.3290,
-36.1512, -24.8445

■ 46.4280, -22.8890,
-31.9474

■ 228.6930,
-34.8516, -21.6558

■ 29.9370, -14.7589,
-26.2547

■ 240.5560,
-26.8961, -6.6266

■ 18.1970, -8.9711,
-15.9588

■ 250.3260,
-17.9087, 4.0991

■ 0.0000, 0.0000,
0.0000

■ 253.5180, -5.6784,

1.2997

■ 122.3120,
-33.6778, -24.8296

■ 122.3120,
-33.6778, -24.8296

■ 117.9110,
-38.9031, -28.8629

■ 126.7130,
-28.4525, -20.7963

■ 113.5100,
-44.1284, -32.8963

■ 131.1140,
-23.2272, -16.7630

■ 109.4080,
-49.5011, -36.3148

■ 135.2160,
-17.8545, -13.3444

■ 106.5880,
-52.5479, -39.1037

■ 139.6170,
-12.6292, -9.3111

■ 144.0180, -7.4039,
-5.2778

■ 148.4190, -2.1786,
-1.2445

■ 152.5210, 3.1941,
2.1741

■ 156.9220, 8.4195,
6.2074

■ 161.3230, 13.6448,
10.2407

Harmonies

Analogous

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



127.9230, -50.2480, 16.7305



122.3120, -33.6778, -24.8296



103.4450, -2.1914, -90.7213

Triad

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



122.3120, -33.6778, -24.8296



113.9280, 55.7445, -99.9149



133.2410, -5.0488, 79.5956

Complementary

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



122.3120, -33.6778, -24.8296



81.6880, 33.6778, 24.8296

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.



137.5540, 16.9819, 60.0271



122.3120, -33.6778, -24.8296



124.0350, 53.7197, -57.0357

Square

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



122.3120, -33.6778, -24.8296



114.5030, 40.1780, -100.4191



139.2030, 35.8889, 15.6080



132.5350, -27.8718, 73.1988

Rectangle

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



122.3120, -33.6778, -24.8296



108.4950, 12.0810, -95.1501



139.2030, 35.8889, 15.6080



134.1680, 2.3822, 76.1517

Sweetspot

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



122.3120, -33.6778, -24.8296



183.2040, -12.9186, -9.8259



115.5760, -30.3570, 30.1898



90.6050, -7.6933, -5.7926



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.



122.3120, -33.6778, -24.8296



151.0010, -52.2585, -38.5889



111.2640, -24.2872, -50.2205



72.0060, -2.4680, -1.7593



98.0490, -48.3382, -36.0000



7.0660, -3.4835, -2.6889

Inverse Universe

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



81.6880, 33.6778, 24.8296



87.9990, 52.2585, 38.5889



92.7360, 24.2872, 50.2205



68.9940, 2.4680, 1.7593



39.6520, 48.4856, 35.3852



2.9340, 3.4835, 2.6889

Previews

White Background



This preview shows how the YUV color 122.3120, -33.6778, -24.8296 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 122.3120, -33.6778, -24.8296 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 122.3120, -33.6778, -24.8296 Background



This preview shows how black text looks on a background with the YUV color 122.3120, -33.6778, -24.8296.



This preview shows how white text looks on a background with the YUV color 122.3120, -33.6778, -24.8296.

-24.8296.

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

122.3120, -33.6778, -24.8296

Protanopia

130.0940, -39.4863, 18.3346

Deuteranopia

132.0230, -35.0143, 30.6748



Tritanopia

132.0990, 9.8112, -20.2578

Trichromacy



Original Color

122.3120, -33.6778, -24.8296

Protanomaly

126.8640, -37.4010, 2.7503

Deuteranomaly

128.3040, -34.6599, 10.2574

Tritanomaly

128.8480, -6.3341, -21.7917

Monochromacy



Original Color

122.3120, -33.6778, -24.8296

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.0300, -12.3398, -8.7963

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.3120, -33.6778, -24.8296 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(94, 150, 54)` looks like.

```
.text, #text, p{  
    color:rgb(94, 150, 54)  
}
```

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(94, 150, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 150, 54) }
```

Border

The CSS property to change the border of an element to YUV 122.3120, -33.6778, -24.8296 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(94, 150, 54) }
```


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

```
.border{ border-color:rgb(94, 150, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 150, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 150, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 150, 54);  
box-shadow:4px 4px 4px 4px rgb(94, 150,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 122.3120, -33.6778, -24.8296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 150, 54) }
```

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

```
.background{ background-color: rgb(94, 150,  
54) }
```

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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