

Converting Colors

YUV(130.2090, -24.2600,
-58.9423)

Have a look what the booklet for
YUV(130.2090, -24.2600, -58.9423)
contains.

YUV(130.2090, -24.2600, -58.9423)	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(130.2090, -24.2600,
-58.9423)**

Conversions

Conversions Part 1

Format	Color
Hex	3FAE51
RGB	63, 174, 81
RGB Percent	25%, 68%, 32%
CMY	0.7529, 0.3176, 0.6824
CMYK	0.64, 0.00, 0.53, 0.32
HSL	130°, 47%, 46%
HSV	130°, 64%, 68%
XYZ	18.6712, 31.9229, 12.9623
YIQ	130.2090, -36.3030, -52.4550

Conversions

Conversions Part 2

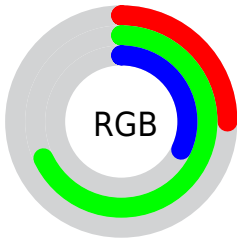
Format	Color
RYB	63, 159, 174
Decimal	4173393
CIELab	63.28, -51.06, 38.30
CIElCh	63, 63.832, 143.127
Yxy	31.9229, 0.2938, 0.5023
Android (android.graphics.Color)	4282363473 (0xFF3FAE51)
YUV	130.2090, -24.2600, -58.9423
Hunter-Lab	56.5004, -39.8885, 25.9480

Details

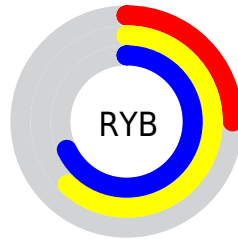
The YUV color **130.2090, -24.2600, -58.9423** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **106.7910, 24.2600, 58.9423**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.5360, -26.8862, -56.5981**, and **73.9740, -21.1862, -64.8752** is the 20% darker color. If you saturate the color by 10%, you get **123.4160, -28.3061, -67.8938**, and if you desaturate by 10%, it is **137.0020, -20.2140, -49.9908**.

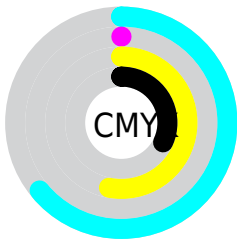
Distribution



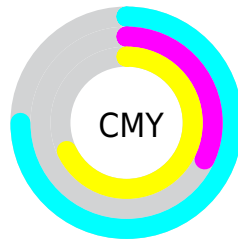
- Red (25%)
- Green (68%)
- Blue (32%)



- Red (25%)
- Yellow (62%)
- Blue (68%)



- Cyan (64%)
- Magenta (0%)
- Yellow (53%)
- Black (32%)



- Cyan (75%)
- Magenta (32%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.2090, -24.2600, -58.9423 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 130.2090, -24.2600, -58.9423 by changing the saturation by 10% instead.

■ 130.2090,
-24.2600, -58.9423

■ 130.2090,
-24.2600, -58.9423

■ 255.0000, 0.0000,
0.0000

■ 100.4470,
-21.9124, -65.2900

■ 186.5360,
-26.8862, -56.5981

■ 73.9740, -21.1862,
-64.8752

■ 212.9600,
-26.6023, -54.3389

■ 55.9930, -26.6185,
-49.1059

■ 224.8230,
-18.6467, -39.3098

■ 41.0900, -20.2574,
-36.0359

■ 236.6860,
-10.6912, -24.2806

■ 27.5890, -13.6014,
-24.1956

■ 248.8480, -2.8831,
-8.6367

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,

0.0000

■ 130.2090,
-24.2600, -58.9423

■ 130.2090,
-24.2600, -58.9423

■ 123.4160,
-28.3061, -67.8938

■ 137.0020,
-20.2140, -49.9908

■ 116.4380,
-31.7679, -77.5601

■ 143.9800,
-16.7521, -40.3245

■ 109.6450,
-35.8140, -86.5117

■ 150.7730,
-12.7061, -31.3729

■ 105.3300,
-38.1237, -92.3744

■ 157.7510, -9.2442,
-21.7066

■ 164.5440, -5.1982,
-12.7551

■ 171.2230, -1.5889,
-3.7036

■ 178.3150, 2.3097,
5.8627

■ 185.1080, 6.3558,
14.8143

■ 192.0860, 9.8176,
24.4806

Harmonies

Analogous

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



141.2320, -52.3724, -1.9575



130.2090, -24.2600, -58.9423



120.8050, 8.4771, -105.9460

Triad

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



130.2090, -24.2600, -58.9423



125.3380, 63.9234, -109.9214



148.8870, -18.1853, 93.0611

Complementary

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



130.2090, -24.2600, -58.9423



106.7910, 24.2600, 58.9423

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.



151.8300, 8.4648, 85.2181



130.2090, -24.2600, -58.9423



152.1690, 50.6957, -20.3192

Square

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



130.2090, -24.2600, -58.9423



130.4270, 55.4985, -114.3845



157.0650, 32.0130, 45.5470



149.2350, -43.0069, 74.3389

Rectangle

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



130.2090, -24.2600, -58.9423



125.8380, 25.2229, -110.3599



157.0650, 32.0130, 45.5470



149.2920, -9.0180, 92.7059

Sweetspot

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



130.2090, -24.2600, -58.9423



210.0390, -9.3862, -22.8362



156.2630, -45.9787, 0.6463



104.4190, -5.6296, -14.3995



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



130.2090, -24.2600, -58.9423



158.0310, -37.9763, -92.9892



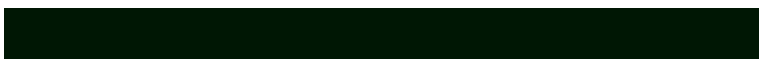
136.3650, -0.6729, -64.3411



83.3970, -2.1677, -4.7332



90.7860, -32.9255, -79.6193



13.9570, -4.9088, -12.2403

Inverse Universe

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



106.7910, 24.2600, 58.9423



121.0830, 38.4131, 92.8892



100.6350, 0.6729, 64.3411



81.4890, 1.7309, 4.8331



59.2140, 32.9255, 79.6193



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 130.2090, -24.2600, -58.9423 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 130.2090, -24.2600, -58.9423 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 ✓ Pass

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

YUV 130.2090, -24.2600, -58.9423 Background



This preview shows how black text looks on a background with the YUV color 130.2090, -24.2600, -58.9423.



This preview shows how white text looks on a background with the YUV color 130.2090, -24.2600, -58.9423.

-58.9423.

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

130.2090, -24.2600, -58.9423

Protanopia

147.8920, -36.4288, 17.6347

Deuteranopia

150.5760, -30.3570, 30.1898



Tritanopia

143.3560, 16.5865, -46.7932

Trichromacy



Original Color

130.2090, -24.2600, -58.9423

Protanomaly

141.5680, -31.8320, -10.1451

Deuteranomaly

143.5350, -28.3648, -2.2232

Tritanomaly

138.7240, 1.6151, -51.5009

Monochromacy



Original Color

130.2090, -24.2600, -58.9423

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.1640, -8.9549, -21.1918

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.2090, -24.2600, -58.9423 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(63, 174, 81)` looks like.

```
.text, #text, p{  
    color:rgb(63, 174, 81)  
}
```

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(63, 174, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 174, 81) }
```

Border

The CSS property to change the border of an element to YUV 130.2090, -24.2600, -58.9423 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(63, 174, 81) }
```


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

```
.border{ border-color:rgb(63, 174, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 174, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 174, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 174, 81);  
box-shadow:4px 4px 4px 4px rgb(63, 174,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 130.2090, -24.2600, -58.9423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 174, 81) }
```

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

```
.background{ background-color: rgb(63, 174,  
81) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor