

Converting Colors

YUV(120.3460, -38.6246,
-24.8594)

Have a look what the booklet for
YUV(120.3460, -38.6246, -24.8594)
contains.

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Color

**YUV(120.3460, -38.6246,
-24.8594)**

Conversions

Conversions Part 1

Format	Color
Hex	5C962A
RGB	92, 150, 42
RGB Percent	36%, 59%, 16%
CMY	0.6392, 0.4118, 0.8353
CMYK	0.39, 0.00, 0.72, 0.41
HSL	92°, 56%, 38%
HSV	92°, 72%, 59%
XYZ	15.7379, 24.2552, 6.0427
YIQ	120.3460, 0.1000, -45.8840

Conversions

Conversions Part 2

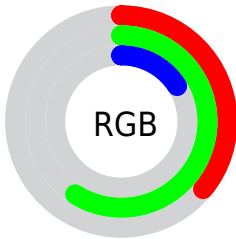
Format	Color
R_{YB}	42, 150, 100
Decimal	6067754
CIE _{Lab}	56.34, -37.26, 48.44
CIE _{LCh}	56, 61.112, 127.567
Yxy	24.2552, 0.3419, 0.5269
Android (android.graphics.Color)	4284257834 (0xFF5C962A)
YUV	120.3460, -38.6246, -24.8594
Hunter-Lab	49.2495, -29.1463, 27.2000

Details

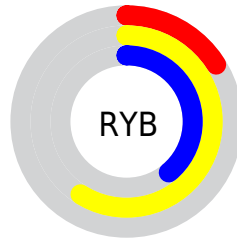
The YUV color **120.3460, -38.6246, -24.8594** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **71.6540, 38.6246, 24.8594**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.7050, -39.7876, -25.1743**, and **69.1760, -34.1038, -28.2184** is the 20% darker color. If you saturate the color by 10%, you get **116.2440, -43.9973, -28.2780**, and if you desaturate by 10%, it is **124.4480, -33.2519, -21.4409**.

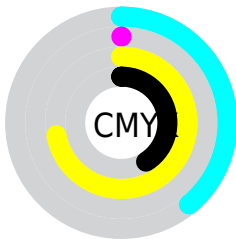
Distribution



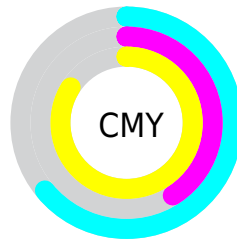
- Red (36%)
- Green (59%)
- Blue (16%)



- Red (16%)
- Yellow (59%)
- Blue (39%)



- Cyan (39%)
- Magenta (0%)
- Yellow (72%)
- Black (41%)



- Cyan (64%)
- Magenta (41%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.3460, -38.6246, -24.8594 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 120.3460, -38.6246, -24.8594 by changing the saturation by 10% instead.

■ 120.3460,
-38.6246, -24.8594

■ 120.3460,
-38.6246, -24.8594

■ 255.0000, 0.0000,
0.0000

■ 93.4770, -40.6612,
-24.9743

■ 174.7050,
-39.7876, -25.1743

■ 69.1760, -34.1038,
-28.2184

■ 202.5910,
-40.2244, -25.0743

■ 44.0360, -21.7097,
-36.8656

■ 227.1400,
-39.5090, -21.1708

■ 29.9370, -14.7589,
-26.2547

■ 239.0030,
-31.5535, -6.1416

■ 17.6100, -8.6817,
-15.4440

■ 249.0720,
-22.7135, 5.1989

■ 0.0000, 0.0000,
0.0000

■ 252.3780,

-10.0464, 2.2995

■ 120.3460,
-38.6246, -24.8594

■ 120.3460,
-38.6246, -24.8594

■ 116.2440,
-43.9973, -28.2780

■ 124.4480,
-33.2519, -21.4409

■ 112.1420,
-49.3700, -31.6965

■ 128.5500,
-27.8792, -18.0224

■ 108.6810,
-53.5797, -34.8002

■ 132.6520,
-22.5064, -14.6038

■ 136.7540,
-17.1337, -11.1853

■ 140.8560,
-11.7610, -7.7667

■ 144.9580, -6.3883,
-4.3482

■ 149.0600, -1.0156,
-0.9296

■ 153.1620, 4.3571,
2.4889

■ 157.5630, 9.5824,
6.5222

Harmonies

Analogous

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



125.0840, -61.1734, 20.9743



120.3460, -38.6246, -24.8594



102.6470, -5.2490, -90.0214

Triad

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



120.3460, -38.6246, -24.8594



115.1990, 58.0759, -101.0295



131.0400, -3.4707, 86.7879

Complementary

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



120.3460, -38.6246, -24.8594



71.6540, 38.6246, 24.8594

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.



136.0860, 20.1706, 63.9456



120.3460, -38.6246, -24.8594



109.6870, 64.7373, -90.9335

Square

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



120.3460, -38.6246, -24.8594



116.0190, 40.9096, -101.7487



138.6310, 40.1149, 13.4786



130.4650, -28.3302, 80.2762

Rectangle

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



120.3460, -38.6246, -24.8594



108.0390, 10.3338, -94.7502



138.6310, 40.1149, 13.4786



132.1950, 4.8339, 83.1440

Sweetspot

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



120.3460, -38.6246, -24.8594



182.2210, -15.3920, -9.8408



108.3380, -32.7046, 36.5376



89.9640, -8.8563, -6.1074



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.



120.3460, -38.6246, -24.8594



148.0520, -59.6786, -38.6336



105.8520, -29.5070, -55.9982



72.0060, -2.4680, -1.7593



100.1420, -49.3700, -31.6965



7.3650, -3.6309, -2.0741

Inverse Universe

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



71.6540, 38.6246, 24.8594



72.9480, 59.6786, 38.6336



86.1480, 29.5070, 55.9982



68.9940, 2.4680, 1.7593



37.8580, 49.3700, 31.6965



2.6350, 3.6309, 2.0741

Previews

White Background



This preview shows how the YUV color 120.3460, -38.6246, -24.8594 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 120.3460, -38.6246, -24.8594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

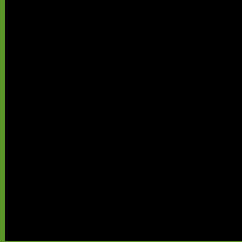
Any Text WCAG AA ✓ Pass

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 120.3460, -38.6246, -24.8594 Background



This preview shows how black text looks on a background with the YUV color 120.3460, -38.6246, -24.8594.



This preview shows how white text looks on a background with the YUV color 120.3460, -38.6246, -24.8594.

-24.8594.

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

120.3460, -38.6246, -24.8594

Protanopia

128.7260, -44.7279, 19.5343

Deuteranopia

131.0680, -39.9665, 32.3894



Tritanopia

131.6860, 9.5218, -20.7726

Trichromacy



Original Color

120.3460, -38.6246, -24.8594

Protanomaly

125.4960, -42.6425, 3.9500

Deuteranomaly

127.0500, -39.4646, 11.3572

Tritanomaly

127.6800, -8.2232, -22.5214

Monochromacy



Original Color

120.3460, -38.6246, -24.8594

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.2750, -13.9396, -9.0112

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.3460, -38.6246, -24.8594 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(92, 150, 42)` looks like.

```
.text, #text, p{  
    color:rgb(92, 150, 42)  
}
```

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(92, 150, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 150, 42) }
```

Border

The CSS property to change the border of an element to YUV 120.3460, -38.6246, -24.8594 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(92, 150, 42) }
```


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

```
.border{ border-color:rgb(92, 150, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 150, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 150, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 150, 42);  
box-shadow:4px 4px 4px 4px rgb(92, 150,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 120.3460, -38.6246, -24.8594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 150, 42) }
```

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

```
.background{ background-color: rgb(92, 150,  
42) }
```

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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