

Converting Colors

YUV(120.0040, 30.5640,
-49.9925)

Have a look what the booklet for
YUV(120.0040, 30.5640, -49.9925)
contains.

YUV(120.0040, 30.5640, -49.9925)	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(120.0040, 30.5640,
-49.9925)**

Conversions

Conversions Part 1

Format	Color
Hex	3F89B6
RGB	63, 137, 182
RGB Percent	25%, 54%, 71%
CMY	0.7529, 0.4627, 0.2863
CMYK	0.65, 0.25, 0.00, 0.29
HSL	203°, 49%, 48%
HSV	203°, 65%, 71%
XYZ	19.4391, 22.3255, 47.5407
YIQ	120.0040, -58.5490, -1.6930

Conversions

Conversions Part 2

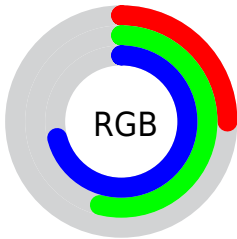
Format	Color
R _Y B	63, 109, 182
Decimal	4164022
CIE Lab	54.37, -8.73, -30.40
CIE LCh	54, 31.629, 253.971
Yxy	22.3255, 0.2177, 0.2500
Android (android.graphics.Color)	4282354102 (0xFF3F89B6)
YUV	120.0040, 30.5640, -49.9925
Hunter-Lab	47.2498, -9.2506, -26.5800

Details

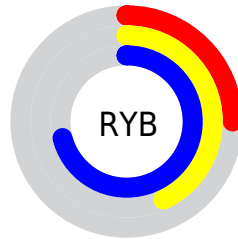
The YUV color **120.0040, 30.5640, -49.9925** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **124.9960, -30.5640, 49.9925**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.1400, 30.9900, -46.6038**, and **65.7750, 31.1699, -57.6847** is the 20% darker color. If you saturate the color by 10%, you get **110.5130, 35.2431, -57.4549**, and if you desaturate by 10%, it is **129.4950, 25.8850, -42.5301**.

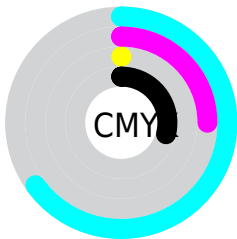
Distribution



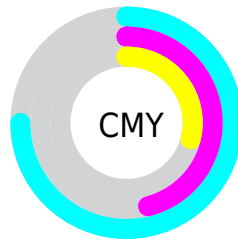
- Red (25%)
- Green (54%)
- Blue (71%)



- Red (25%)
- Yellow (43%)
- Blue (71%)



- Cyan (65%)
- Magenta (25%)
- Yellow (0%)
- Black (29%)



- Cyan (75%)
- Magenta (46%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.0040, 30.5640, -49.9925 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 120.0040, 30.5640, -49.9925 by changing the saturation by 10% instead.

■ 120.0040, 30.5640,
-49.9925

■ 120.0040, 30.5640,
-49.9925

■ 255.0000, 0.0000,
0.0000

■ 91.1880, 31.4593,
-57.1699

■ 175.1400, 30.9900,
-46.6038

■ 65.7750, 31.1699,
-57.6847

■ 202.1850, 26.0378,
-44.8892

■ 49.4240, 26.9060,
-43.3448

■ 227.8790, 13.3707,
-41.9899

■ 33.6600, 22.3526,
-29.5198

■ 241.2460, 6.7807,
-28.2797

■ 19.2980, 18.0941,
-16.9243

■ 250.2160, 2.3585,
-9.8364

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,

-0.7998

■ 0.0000, 0.0000,
0.0000

■ 120.0040, 30.5640,
-49.9925

■ 120.0040, 30.5640,
-49.9925

■ 110.5130, 35.2431,
-57.4549

■ 129.4950, 25.8850,
-42.5301

■ 101.0220, 39.9222,
-64.9173

■ 138.9860, 21.2059,
-35.0677

■ 91.2320, 44.7486,
-72.9945

■ 148.7760, 16.3794,
-26.9906

■ 87.0790, 46.7961,
-76.3683

■ 158.2670, 11.7004,
-19.5282

■ 167.1710, 7.3107,
-11.5510

■ 176.6620, 2.6316,
-4.0886

■ 186.1530, -2.0474,
3.3738

■ 195.9430, -6.8739,
11.4510

■ 205.4340,
-11.5530, 18.9134

Harmonies

Analogous

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



104.1750, 30.9727, -87.8535



120.0040, 30.5640, -49.9925



129.1870, 26.5298, -15.9500

Triad

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



120.0040, 30.5640, -49.9925



132.1520, -6.9769, 44.5937



123.2480, -16.3913, -16.0035

Complementary

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



120.0040, 30.5640, -49.9925



124.9960, -30.5640, 49.9925

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.



126.5130, -24.9029, 7.4431



120.0040, 30.5640, -49.9925



130.7420, -18.6068, 41.4453

Square

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



120.0040, 30.5640, -49.9925



133.2400, 6.2907, 35.7465



129.2320, -25.2574, 27.8605



118.4540, -2.1958, -42.4942

Rectangle

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



120.0040, 30.5640, -49.9925



132.8260, 20.7918, 4.5376



129.2320, -25.2574, 27.8605



124.3800, -19.9073, -8.2263

Sweetspot

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



120.0040, 30.5640, -49.9925



212.3810, 12.1372, -19.6281



137.8690, -15.2184, -65.6601



104.8720, 7.4581, -12.1657



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



120.0040, 30.5640, -49.9925



140.5950, 47.5277, -77.6978



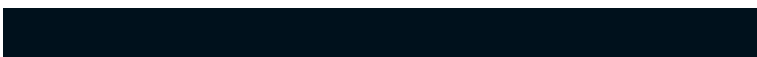
85.9580, 47.3487, -20.1342



86.9610, 2.4842, -3.4738



74.7230, 40.0696, -65.5321



13.1710, 7.3107, -11.5510

Inverse Universe

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



107.0170, 14.7816, 65.7601



120.4250, 22.9615, 102.2363



159.0420, -47.3487, 20.1342



86.2610, 0.8573, 5.0331



57.7020, 19.3739, 86.2073



10.3100, 3.2982, 15.5141

Previews

White Background



This preview shows how the YUV color 120.0040, 30.5640, -49.9925 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 120.0040, 30.5640, -49.9925 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 120.0040, 30.5640, -49.9925 Background



This preview shows how black text looks on a background with the YUV color 120.0040, 30.5640, -49.9925.

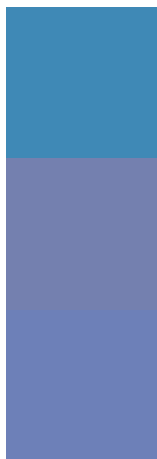


This preview shows how white text looks on a background with the YUV color 120.0040, 30.5640,

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

120.0040, 30.5640, -49.9925

Protanopia

129.7700, 22.2984, -12.0763

Deuteranopia

128.7030, 27.2614, -17.2795



Tritanopia

114.9630, 19.2452, -59.6036

Trichromacy



Original Color

120.0040, 30.5640, -49.9925

Protanomaly

126.1920, 25.5413, -25.6014

Deuteranomaly

125.2670, 28.4624, -29.1752

Tritanomaly

116.7230, 23.3076, -55.8851

Monochromacy



Original Color

120.0040, 30.5640, -49.9925

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.8650, 11.4056, -18.2986

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.0040, 30.5640, -49.9925 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, 137, 182)` looks like.

```
.text, #text, p{  
    color:rgb(63, 137, 182)  
}
```

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, 137, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 137, 182) }
```

Border

The CSS property to change the border of an element to YUV 120.0040, 30.5640, -49.9925 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

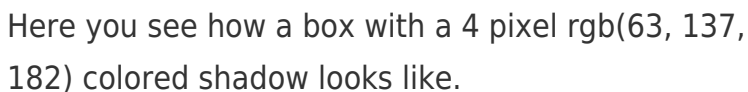
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(63, 137, 182) }
```


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

```
.border{ border-color:rgb(63, 137, 182) }
```

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



Here you see how a box with a 4 pixel `rgb(63, 137, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(63, 137, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(63, 137, 182); box-shadow:4px 4px 4px 4px rgb(63, 137, 182) }
```

Background

The CSS property to change the background color of an element to YUV 120.0040, 30.5640, -49.9925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 137, 182) }
```

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

```
.background{ background-color: rgb(63, 137,  
182) }
```

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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