

Converting Colors

YUV(120.7390, -44.7343,
-25.2041)

Have a look what the booklet for
YUV(120.7390, -44.7343, -25.2041)
contains.

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Color

**YUV(120.7390, -44.7343,
-25.2041)**

Conversions

Conversions Part 1

Format	Color
Hex	5C991E
RGB	92, 153, 30
RGB Percent	36%, 60%, 12%
CMY	0.6392, 0.4000, 0.8824
CMYK	0.40, 0.00, 0.80, 0.40
HSL	90°, 67%, 36%
HSV	90°, 80%, 60%
XYZ	16.0392, 25.1515, 5.2377
YIQ	120.7390, 3.1270, -51.1850

Conversions

Conversions Part 2

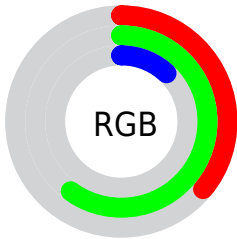
Format	Color
RYB	30, 153, 91
Decimal	6068510
CIELab	57.22, -39.31, 53.51
CIELCh	57, 66.398, 126.305
Yxy	25.1515, 0.3455, 0.5417
Android (android.graphics.Color)	4284258590 (0xFF5C991E)
YUV	120.7390, -44.7343, -25.2041
Hunter-Lab	50.1513, -30.6775, 28.9138

Details

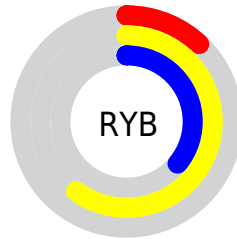
The YUV color **120.7390, -44.7343, -25.2041** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **62.2610, 44.7343, 25.2041**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.7390, -44.7343, -25.2041**, and **69.7520, -34.3877, -30.4775** is the 20% darker color. If you saturate the color by 10%, you get **116.6370, -50.1070, -28.6226**, and if you desaturate by 10%, it is **124.8410, -39.3616, -21.7856**.

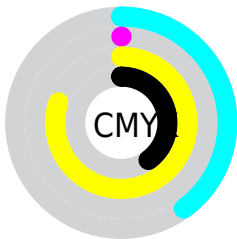
Distribution



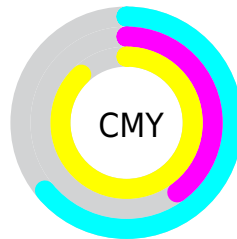
- Red (36%)
- Green (60%)
- Blue (12%)



- Red (12%)
- Yellow (60%)
- Blue (36%)



- Cyan (40%)
- Magenta (0%)
- Yellow (80%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.7390, -44.7343, -25.2041 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 120.7390, -44.7343, -25.2041 by changing the saturation by 10% instead.

■ 120.7390,
-44.7343, -25.2041

■ 120.7390,
-44.7343, -25.2041

■ 255.0000, 0.0000,
0.0000

■ 93.6850, -46.1867,
-26.0337

■ 175.7390,
-44.7343, -25.2041

■ 69.7520, -34.3877,
-30.4775

■ 203.6250,
-45.1711, -25.1041

■ 45.1990, -22.2831,
-39.6395

■ 226.5270,
-43.1508, -19.7562

■ 31.1110, -15.3377,
-27.2843

■ 238.2760,
-35.6321, -4.6271

■ 19.3710, -9.5499,
-16.9884

■ 248.0460,
-26.6447, 6.0987

■ 0.0000, 0.0000,
0.0000

■ 251.3520,

-13.9775, 3.1993

254.6580, -1.3104,
0.2999

■ 120.7390,
-44.7343, -25.2041

■ 120.7390,
-44.7343, -25.2041

■ 116.6370,
-50.1070, -28.6226

■ 124.8410,
-39.3616, -21.7856

■ 112.8340,
-55.6272, -31.4264

■ 128.7580,
-33.4047, -19.0818

■ 132.8600,
-28.0320, -15.6632

■ 136.6630,
-22.5119, -12.8595

■ 140.7650,
-17.1391, -9.4409

■ 144.9810,
-11.3296, -6.1223

■ 148.7840, -5.8095,
-3.3186

■ 152.8860, -0.4368,
0.1000

■ 156.8030, 5.5201,
2.8038

Harmonies

Analogous

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



127.3400, -62.7786, 22.5038



120.7390, -44.7343, -25.2041



104.5390, -8.1537, -91.6807

Triad

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



120.7390, -44.7343, -25.2041



119.2740, 60.9969, -104.6033



130.9640, -1.4613, 95.6246

Complementary

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



120.7390, -44.7343, -25.2041



62.2610, 44.7343, 25.2041

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.



137.9170, 23.2119, 68.4788



120.7390, -44.7343, -25.2041



111.0220, 69.9952, -97.3663

Square

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



120.7390, -44.7343, -25.2041



119.0510, 42.3729, -104.4077



140.5860, 45.0671, 11.7641



130.9930, -29.0835, 88.5831

Rectangle

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



120.7390, -44.7343, -25.2041



110.2730, 8.7394, -96.7094



140.5860, 45.0671, 11.7641



132.2220, 7.2856, 90.1363

Sweetspot

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



120.7390, -44.7343, -25.2041



186.3520, -17.4285, -9.9557



101.4100, -35.2051, 45.2444



91.6220, -10.1666, -5.8075



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



120.7390, -44.7343, -25.2041



148.8210, -69.4248, -39.3080



102.7990, -35.8899, -62.0907



74.8920, -2.9048, -1.6593



103.4090, -50.9806, -28.4227



9.4250, -4.6465, -3.0037

Inverse Universe

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



62.2610, 44.7343, 25.2041



58.1790, 69.4248, 39.3080



80.2010, 35.8899, 62.0907



71.1080, 2.9048, 1.6593



36.8900, 50.8332, 29.0375



3.2760, 4.7939, 2.3889

Previews

White Background



This preview shows how the YUV color 120.7390, -44.7343, -25.2041 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 120.7390, -44.7343, -25.2041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

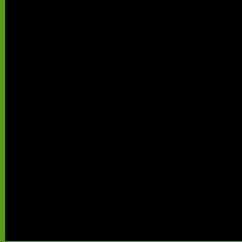
Any Text WCAG AA ✓ Pass

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 120.7390, -44.7343, -25.2041 Background



This preview shows how black text looks on a background with the YUV color 120.7390, -44.7343, -25.2041.



This preview shows how white text looks on a background with the YUV color 120.7390, -44.7343, -25.2041.

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

120.7390, -44.7343, -25.2041

Protanopia

129.4290, -50.9905, 21.5488

Deuteranopia

132.2270, -44.4819, 34.0039



Tritanopia

133.5010, 10.1060, -21.4874

Trichromacy



Original Color

120.7390, -44.7343, -25.2041

Protanomaly

126.1880, -48.8997, 4.2201

Deuteranomaly

127.7960, -44.2694, 12.4569

Tritanomaly

128.9250, -9.8230, -22.7362

Monochromacy



Original Color

120.7390, -44.7343, -25.2041

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9930, -16.2655, -9.6409

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.7390, -44.7343, -25.2041 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, 153, 30)` looks like.

```
.text, #text, p{  
    color:rgb(92, 153, 30)  
}
```

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, 153, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 153, 30) }
```

Border

The CSS property to change the border of an element to YUV 120.7390, -44.7343, -25.2041 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, 153, 30) }
```


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

```
.border{ border-color:rgb(92, 153, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 153, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 153, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 153, 30);  
box-shadow:4px 4px 4px 4px rgb(92, 153,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 120.7390, -44.7343, -25.2041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 153, 30) }
```

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

```
.background{ background-color: rgb(92, 153,  
30) }
```

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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