

Converting Colors

YUV(90.8030, 52.3551,
-39.2922)

Have a look what the booklet for
YUV(90.8030, 52.3551, -39.2922)
contains.

YUV(90.8030, 52.3551, -39.2922)	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(90.8030, 52.3551,
-39.2922)**

Conversions

Conversions Part 1

Format	Color
Hex	2E5DC5
RGB	46, 93, 197
RGB Percent	18%, 36%, 77%
CMY	0.8196, 0.6353, 0.2275
CMYK	0.77, 0.53, 0.00, 0.23
HSL	221°, 62%, 48%
HSV	221°, 77%, 77%
XYZ	15.1191, 12.4408, 54.4278
YIQ	90.8030, -61.3960, 22.3800

Conversions

Conversions Part 2

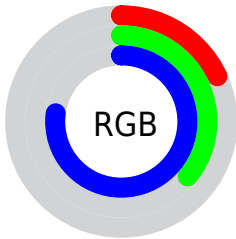
Format	Color
R_{YB}	46, 82, 197
Decimal	3038661
CIE _{Lab}	41.91, 21.31, -58.88
CIE _{LCh}	42, 62.622, 289.895
Yxy	12.4408, 0.1844, 0.1517
Android (android.graphics.Color)	4281228741 (0xFF2E5DC5)
YUV	90.8030, 52.3551, -39.2922
Hunter-Lab	35.2715, 14.7889, -66.8010

Details

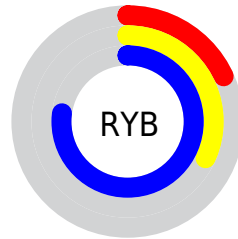
The YUV color **90.8030, 52.3551, -39.2922** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **152.1970, -52.3551, 39.2922**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.9830, 52.7594, -28.9261**, and **44.3640, 48.1345, -38.9072** is the 20% darker color. If you saturate the color by 10%, you get **76.6050, 59.3547, -44.3806**, and if you desaturate by 10%, it is **105.0010, 45.3555, -34.2039**.

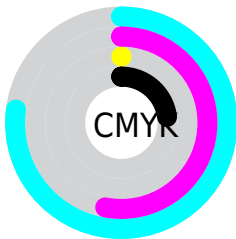
Distribution



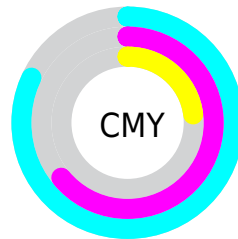
- Red (18%)
- Green (36%)
- Blue (77%)



- Red (18%)
- Yellow (32%)
- Blue (77%)



- Cyan (77%)
- Magenta (53%)
- Yellow (0%)
- Black (23%)



- Cyan (82%)
- Magenta (64%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.8030, 52.3551, -39.2922 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 90.8030, 52.3551, -39.2922 by changing the saturation by 10% instead.

■ 90.8030, 52.3551,
-39.2922

■ 90.8030, 52.3551,
-39.2922

■ 255.0000, 0.0000,
0.0000

■ 60.3560, 53.5615,
-52.9322

■ 146.9830, 52.7594,
-28.9261

■ 44.3640, 48.1345,
-38.9072

■ 171.3290, 41.2498,
-23.9675

■ 30.2470, 42.2762,
-26.5266

■ 196.1480, 29.0140,
-19.4238

■ 12.1350, 38.8804,
-10.6424

■ 221.5540, 16.4889,
-15.3949

■ 11.6330, 26.8029,
-10.2021

■ 246.9600, 3.9637,
-11.3659

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 90.8030, 52.3551,
-39.2922

■ 90.8030, 52.3551,
-39.2922

■ 76.6050, 59.3547,
-44.3806

■ 105.0010, 45.3555,
-34.2039

■ 63.2930, 65.9176,
-49.3690

■ 118.3130, 38.7927,
-29.2155

■ 58.2650, 68.3964,
-51.0984

■ 132.5110, 31.7931,
-24.1271

■ 146.1220, 25.0829,
-18.5240

■ 160.3200, 18.0832,
-13.4356

■ 173.6320, 11.5204,
-8.4473

■ 187.8300, 4.5208,
-3.3589

■ 202.0280, -2.4788,
1.7294

■ 215.3400, -9.0416,
6.7178

Harmonies

Analogous

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



87.4840, 55.9634, -76.7235



90.8030, 52.3551, -39.2922



100.1240, 32.4769, 36.7253

Triad

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



90.8030, 52.3551, -39.2922



91.3960, -37.1702, 68.9357



79.4460, -0.2199, -69.6741

Complementary

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



90.8030, 52.3551, -39.2922



152.1970, -52.3551, 39.2922

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.



70.7140, -23.5230, -62.0162



90.8030, 52.3551, -39.2922



93.1950, -45.9451, 36.6630

Square

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



90.8030, 52.3551, -39.2922



85.8570, -9.2965, 88.7024



89.1210, -43.9367, -0.9831



86.1890, 23.0778, -75.5878

Rectangle

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



90.8030, 52.3551, -39.2922



93.8200, 20.3017, 68.5639



89.1210, -43.9367, -0.9831



76.8070, -7.7929, -67.3597

Sweetspot

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



90.8030, 52.3551, -39.2922



213.8790, 20.2727, -15.6799



146.3790, 1.2922, -88.0324



102.5610, 12.5414, -9.2620



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



90.8030, 52.3551, -39.2922



89.6410, 81.5220, -61.0752



71.5860, 61.8291, 2.1171



92.7870, 3.0630, -2.4442



48.5190, 56.4391, -42.5512



10.5610, 12.5414, -9.2620

Inverse Universe

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



96.5070, -1.7290, 88.1324



98.5870, -2.7544, 137.1742



171.4140, -61.8291, -2.1171



93.0330, -0.0163, 5.2331



54.5510, -1.7506, 95.1098



12.0180, -0.5019, 21.0322

Previews

White Background



This preview shows how the YUV color 90.8030, 52.3551, -39.2922 looks on a white 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

Black Background



This preview shows how the YUV color 90.8030, 52.3551, -39.2922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

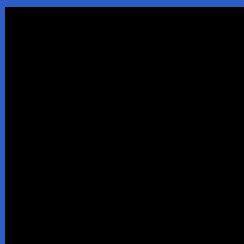
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.8030, 52.3551, -39.2922

Background



This preview shows how black text looks on a background with the YUV color 90.8030, 52.3551, -39.2922.



This preview shows how white text looks on a background with the YUV color 90.8030, 52.3551,

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

90.8030, 52.3551, -39.2922

Protanopia

85.0290, 56.1877, -55.2764

Deuteranopia

79.2370, 47.2112, -69.4908



Tritanopia

77.3210, 19.5617, -67.8105

Trichromacy



Original Color

90.8030, 52.3551, -39.2922

Protanomaly

87.0190, 54.7136, -49.1287

Deuteranomaly

83.4710, 49.0678, -58.2951

Tritanomaly

82.1880, 31.4593, -57.1699

Monochromacy



Original Color

90.8030, 52.3551, -39.2922

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.2490, 19.1042, -14.2504

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.8030, 52.3551, -39.2922 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(46, 93, 197)` looks like.

```
.text, #text, p{  
    color:rgb(46, 93, 197)  
}
```

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(46, 93, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 93, 197) }
```

Border

The CSS property to change the border of an element to YUV 90.8030, 52.3551, -39.2922 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(46, 93, 197) }
```


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

```
.border{ border-color:rgb(46, 93, 197) }
```

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

Here you see how a box with a 4 pixel rgb(46, 93, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 93, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 93, 197);  
box-shadow:4px 4px 4px 4px rgb(46, 93,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 90.8030, 52.3551, -39.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 93, 197) }
```

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

```
.background{ background-color: rgb(46, 93,  
197) }
```

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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