

Converting Colors

YUV(68.6320, 38.1424,
-54.0513)

Have a look what the booklet for
YUV(68.6320, 38.1424, -54.0513)
contains.

YUV(68.6320, 38.1424, -54.0513)	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(68.6320, 38.1424,
-54.0513)**

Conversions

Conversions Part 1

Format	Color
Hex	075592
RGB	7, 85, 146
RGB Percent	3%, 33%, 57%
CMY	0.9725, 0.6667, 0.4275
CMYK	0.95, 0.42, 0.00, 0.43
HSL	206°, 91%, 30%
HSV	206°, 95%, 57%
XYZ	8.5244, 8.6175, 28.4082
YIQ	68.6320, -66.0690, 2.4350

Conversions

Conversions Part 2

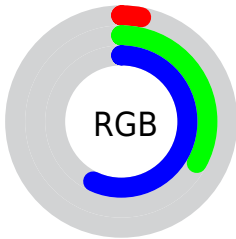
Format	Color
RYB	7, 57, 146
Decimal	480658
CIELab	35.24, 2.96, -39.46
CIELCh	35, 39.569, 274.290
Yxy	8.6175, 0.1871, 0.1892
Android (android.graphics.Color)	4278670738 (0xFF075592)
YUV	68.6320, 38.1424, -54.0513
Hunter-Lab	29.3556, 0.4616, -36.8277

Details

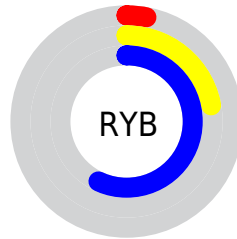
The YUV color **68.6320, 38.1424, -54.0513** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **84.3680, -38.1424, 54.0513**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.5740, 36.1990, -37.3374**, and **34.8970, 29.6308, -30.6047** is the 20% darker color. If you saturate the color by 10%, you get **64.7780, 40.0424, -56.8103**, and if you desaturate by 10%, it is **76.6390, 34.1950, -47.9184**.

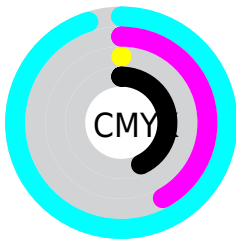
Distribution



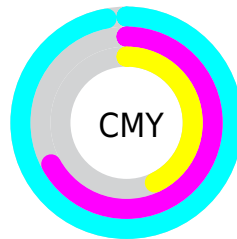
- Red (3%)
- Green (33%)
- Blue (57%)



- Red (3%)
- Yellow (22%)
- Blue (57%)



- Cyan (95%)
- Magenta (42%)
- Yellow (0%)
- Black (43%)



- Cyan (97%)
- Magenta (67%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.6320, 38.1424, -54.0513 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 68.6320, 38.1424, -54.0513 by changing the saturation by 10% instead.

■ 68.6320, 38.1424,
-54.0513

■ 68.6320, 38.1424,
-54.0513

■ 255.0000, 0.0000,
0.0000

■ 50.0740, 34.4735,
-43.9149

■ 126.5740, 36.1990,
-37.3374

■ 34.8970, 29.6308,
-30.6047

■ 153.8130, 37.0672,
-35.7930

■ 20.4210, 24.9354,
-17.9092

■ 180.9980, 36.4830,
-35.0782

■ 7.8200, 19.8087,
-6.8581

■ 206.1050, 24.1052,
-31.6641

■ 3.5510, 11.0674,
-3.1142

■ 231.2120, 11.7275,
-28.2499

■ 0.0000, 0.0000,
0.0000

■ 247.2260, 3.8326,

-15.9842

■ 68.6320, 38.1424,
-54.0513

■ 68.6320, 38.1424,
-54.0513

■ 64.7780, 40.0424,
-56.8103

■ 76.6390, 34.1950,
-47.9184

■ 84.9340, 30.1055,
-42.9151

■ 92.9410, 26.1581,
-36.7823

■ 101.2360, 22.0687,
-31.7790

■ 109.2430, 18.1212,
-25.6461

■ 117.2500, 14.1738,
-19.5132

■ 125.5450, 10.0843,
-14.5100

■ 133.5520, 6.1369,
-8.3771

■ 141.8470, 2.0474,
-3.3738

Harmonies

Analogous

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



70.5510, 34.2384, -61.8732



68.6320, 38.1424, -54.0513



85.1510, 24.5756, 4.2526

Triad

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



68.6320, 38.1424, -54.0513



81.1820, -15.8657, 48.9524



62.5080, -4.1944, -54.8195

Complementary

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



68.6320, 38.1424, -54.0513



84.3680, -38.1424, 54.0513

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.



74.9190, -24.1171, -11.3300



68.6320, 38.1424, -54.0513



80.5920, -27.8999, 35.4378

Square

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



68.6320, 38.1424, -54.0513



81.7920, -0.8835, 50.1714



78.4940, -32.7815, 14.4758



67.4440, 9.6411, -59.1484

Rectangle

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



68.6320, 38.1424, -54.0513



85.0460, 17.2323, 26.2697



78.4940, -32.7815, 14.4758



70.3490, -12.9901, -33.6321

Sweetspot

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



68.6320, 38.1424, -54.0513



158.4670, 15.0528, -21.4576



95.4330, -14.0175, -77.5557



75.9150, 8.9159, -13.0805



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



68.6320, 38.1424, -54.0513



83.7680, 51.8794, -73.4645



28.1290, 58.1104, -18.5301



70.1460, 1.9000, -2.7590



60.9310, 37.9950, -53.4365



4.6620, 2.6316, -4.0886

Inverse Universe

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



57.4530, 13.5807, 77.6557



68.5950, 18.4407, 105.5952



124.8710, -58.1104, 18.5301



69.5490, 0.7153, 3.9035



50.0400, 13.2913, 77.1409



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 68.6320, 38.1424, -54.0513 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 ✓ Pass

Black Background



This preview shows how the YUV color 68.6320, 38.1424, -54.0513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

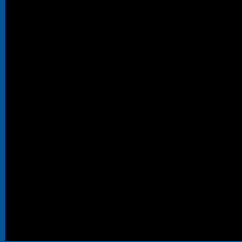
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.6320, 38.1424, -54.0513

Background



This preview shows how black text looks on a background with the YUV color 68.6320, 38.1424, -54.0513.



This preview shows how white text looks on a background with the YUV color 68.6320, 38.1424,

-54.0513.

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

68.6320, 38.1424, -54.0513

Protanopia

80.4790, 30.3299, -21.4681

Deuteranopia

74.0250, 35.4837, -41.2409



Tritanopia

65.1760, 16.1822, -57.1594

Trichromacy



Original Color

68.6320, 38.1424, -54.0513

Protanomaly

75.7980, 33.1306, -33.1488

Deuteranomaly

71.9320, 36.5155, -45.5444

Tritanomaly

66.2500, 24.0338, -55.4703

Monochromacy



Original Color

68.6320, 38.1424, -54.0513

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.8370, 13.8844, -20.0280

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.6320, 38.1424, -54.0513 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(7, 85, 146)` looks like.

```
.text, #text, p{  
    color:rgb(7, 85, 146)  
}
```

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(7, 85, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 85, 146) }
```

Border

The CSS property to change the border of an element to YUV 68.6320, 38.1424, -54.0513 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(7, 85, 146) }
```


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

```
.border{ border-color:rgb(7, 85, 146) }
```

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

Here you see how a box with a 4 pixel rgb(7, 85, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 85, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 85, 146);  
box-shadow:4px 4px 4px 4px rgb(7, 85, 146)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.6320, 38.1424, -54.0513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 85, 146) }
```

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

```
.background{ background-color: rgb(7, 85,  
146) }
```

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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