

Converting Colors

YUV(36.8280, 54.8078, 14.1828)

Have a look what the booklet for
YUV(36.8280, 54.8078, 14.1828)
contains.

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Color

**YUV(36.8280, 54.8078,
14.1828)**

Conversions

Conversions Part 1	
Format	Color
Hex	350794
RGB	53, 7, 148
RGB Percent	21%, 3%, 58%
CMY	0.7922, 0.9725, 0.4196
CMYK	0.64, 0.95, 0.00, 0.42
HSL	260°, 91%, 30%
HSV	260°, 95%, 58%
XYZ	6.8895, 3.0470, 28.2420
YIQ	36.8280, -17.8450, 53.6030

Conversions

Conversions Part 2

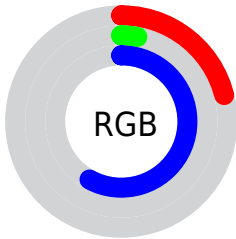
Format	Color
RYB	53, 7, 148
Decimal	3475348
CIELab	20.23, 52.31, -65.08
CIELCh	20, 83.496, 308.789
Yxy	3.0470, 0.1805, 0.0798
Android (android.graphics.Color)	4281665428 (0xFF350794)
YUV	36.8280, 54.8078, 14.1828
Hunter-Lab	17.4555, 39.9044, -83.7086

Details

The YUV color **36.8280, 54.8078, 14.1828** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **118.1720, -54.8078, -14.1828**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.2090, 53.6340, 17.3567**, and **10.9440, 41.9326, -9.5979** is the 20% darker color. If you saturate the color by 10%, you get **31.2240, 57.5706, 14.7126**, and if you desaturate by 10%, it is **48.6230, 48.9929, 12.6086**.

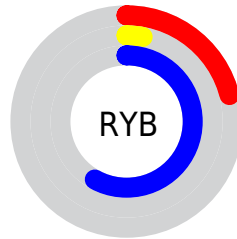
Distribution



Red (21%)

Green (3%)

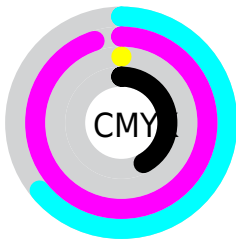
Blue (58%)



Red (21%)

Yellow (3%)

Blue (58%)

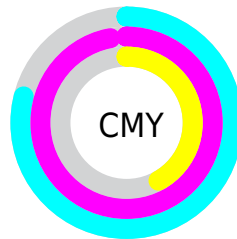


Cyan (64%)

Magenta (95%)

Yellow (0%)

Black (42%)



Cyan (79%)


Magenta (97%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the YUV color 36.8280, 54.8078, 14.1828 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 36.8280, 54.8078, 14.1828 by changing the saturation by 10% instead.


 36.8280, 54.8078,
14.1828


 36.8280, 54.8078,
14.1828


 253.8260, 0.5788,
1.0296


 16.4850, 51.5259,
-6.5643


 94.2090, 53.6340,
17.3567


 10.9440, 41.9326,
-9.5979


 120.5620, 54.9389,
18.8011


 8.0940, 31.0127,
-7.0984


 147.4160, 53.0389,
21.5602

 7.7060, 19.3719,
-6.7582

 171.3490, 41.2399,
26.0039

 3.5510, 11.0674,
-3.1142


 196.7550, 28.7148,
30.0329


 0.0000, 0.0000,
0.0000


 219.7800, 17.3635,


30.8879


 236.8030, 8.9711,
15.9588


 36.8280, 54.8078,
14.1828


 36.8280, 54.8078,
14.1828


 31.2240, 57.5706,
14.7126

 48.6230, 48.9929,
12.6086

 60.4180, 43.1779,
11.0344

 71.6260, 37.6524,
9.9750

 83.4210, 31.8374,
8.4008

 95.2160, 26.0225,
6.8266

■ 107.0110, 20.2076,
5.2524

■ 118.8060, 14.3926,
3.6781

■ 130.0140, 8.8671,
2.6187

■ 141.8090, 3.0522,
1.0445

Harmonies

Analogous

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



52.3490, 60.9599, -45.9101



36.8280, 54.8078, 14.1828



49.1020, 22.6277, 69.1935

Triad

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



36.8280, 54.8078, 14.1828



42.7810, -21.0910, 44.9191



47.4400, 9.1501, -41.6049

Complementary

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



36.8280, 54.8078, 14.1828



118.1720, -54.8078, -14.1828

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.



38.7420, -19.0998, -33.9767



36.8280, 54.8078, 14.1828



44.5660, -21.9710, 0.3806

Square

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



36.8280, 54.8078, 14.1828



38.5710, -19.0155, 79.3062



36.3940, -17.9422, -31.9175



55.5680, 35.2160, -48.7331

Rectangle

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



36.8280, 54.8078, 14.1828



49.0270, 2.9447, 82.4143



36.3940, -17.9422, -31.9175



45.0460, -0.0227, -39.5053

Sweetspot

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



36.8280, 54.8078, 14.1828



147.6520, 21.3706, 5.5672



79.4260, 33.8070, -63.5176



70.1650, 13.2297, 3.3633



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.



36.8280, 54.8078, 14.1828



40.3120, 74.2892, 19.0204



57.4590, 44.6367, 56.6025



68.3960, 2.7628, 0.5297



29.1870, 53.6448, 13.8680



2.0370, 3.9258, 0.8446

Inverse Universe

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



59.9890, 20.7114, 77.1856



71.8150, 28.1922, 104.5252



97.5410, -44.6367, -56.6025



69.6630, 1.1521, 3.8035



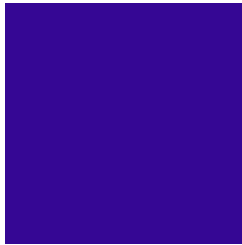
51.8640, 20.2800, 75.5413



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 36.8280, 54.8078, 14.1828 looks on a white background.

Color Contrast Check

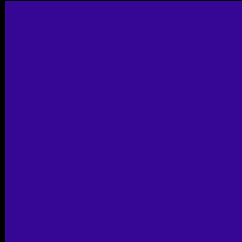
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.8280, 54.8078, 14.1828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

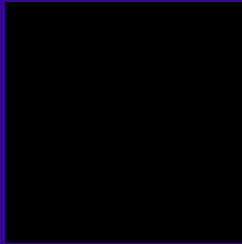
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.8280, 54.8078, 14.1828

Background



This preview shows how black text looks on a background with the YUV color 36.8280, 54.8078, 14.1828.



This preview shows how white text looks on a background with the YUV color 36.8280, 54.8078,

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

36.8280, 54.8078, 14.1828

Protanopia

40.5050, 30.8100, -35.5229

Deuteranopia

41.1430, 23.1005, -36.0824



Tritanopia

40.4130, 10.1494, -35.4422

Trichromacy



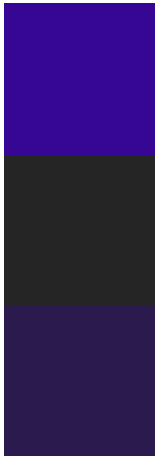
Original Color
36.8280, 54.8078, 14.1828

Protanomaly
39.2050, 39.3389, -17.7198

Deuteranomaly
39.3530, 34.8290, -17.8496

Tritanomaly
39.1760, 26.5352, -17.6944

Monochromacy



Original Color
36.8280, 54.8078, 14.1828

Achromatopsia
37.0000, 0.0000, 0.0000

Achromatomaly
36.8970, 19.7708, 5.3523

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.8280, 54.8078, 14.1828 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(53, 7, 148)` looks like.

```
.text, #text, p{  
    color:rgb(53, 7, 148)  
}
```

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(53, 7, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 7, 148) }
```

Border

The CSS property to change the border of an element to YUV 36.8280, 54.8078, 14.1828 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(53, 7, 148) }
```


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

```
.border{ border-color:rgb(53, 7, 148) }
```

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

Here you see how a box with a 4 pixel rgb(53, 7, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 7, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 7, 148);  
box-shadow:4px 4px 4px 4px rgb(53, 7, 148)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.8280, 54.8078, 14.1828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 7, 148) }
```

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

```
.background{ background-color: rgb(53, 7,  
148) }
```

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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