

Converting Colors

YUV(88.5480, 32.2678,
-36.4376)

Have a look what the booklet for
YUV(88.5480, 32.2678, -36.4376)
contains.

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Color

**YUV(88.5480, 32.2678,
-36.4376)**

Conversions

Conversions Part 1

Format	Color
Hex	2F619A
RGB	47, 97, 154
RGB Percent	18%, 38%, 60%
CMY	0.8157, 0.6196, 0.3961
CMYK	0.69, 0.37, 0.00, 0.40
HSL	212°, 53%, 39%
HSV	212°, 69%, 60%
XYZ	11.2797, 11.4868, 32.1945
YIQ	88.5480, -48.0970, 7.1270

Conversions

Conversions Part 2

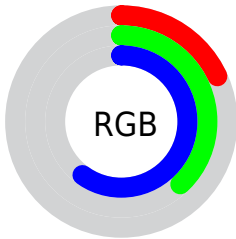
Format	Color
R_{YB}	47, 81, 154
Decimal	3105178
CIE _{Lab}	40.39, 2.66, -36.02
CIE _{LCh}	40, 36.117, 274.217
Yxy	11.4868, 0.2052, 0.2090
Android (android.graphics.Color)	4281295258 (0xFF2F619A)
YUV	88.5480, 32.2678, -36.4376
Hunter-Lab	33.8922, 0.0955, -32.5956

Details

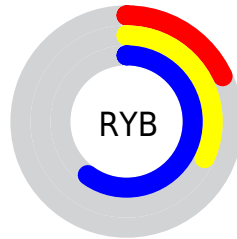
The YUV color **88.5480, 32.2678, -36.4376** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **112.4520, -32.2678, 36.4376**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.5100, 33.2726, -32.0193**, and **41.5650, 29.7945, -36.4525** is the 20% darker color. If you saturate the color by 10%, you get **79.3670, 36.7941, -41.5409**, and if you desaturate by 10%, it is **97.7290, 27.7416, -31.3343**.

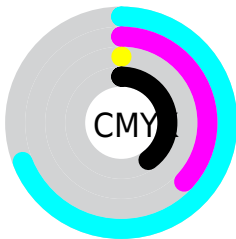
Distribution



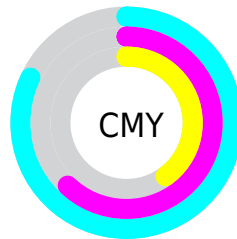
- Red (18%)
- Green (38%)
- Blue (60%)



- Red (18%)
- Yellow (32%)
- Blue (60%)



- Cyan (69%)
- Magenta (37%)
- Yellow (0%)
- Black (40%)



- Cyan (82%)
- Magenta (62%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.5480, 32.2678, -36.4376 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 88.5480, 32.2678, -36.4376 by changing the saturation by 10% instead.

■ 88.5480, 32.2678,
-36.4376

■ 88.5480, 32.2678,
-36.4376

■ 255.0000, 0.0000,
0.0000

■ 58.0410, 34.4898,
-49.1480

■ 141.5100, 33.2726,
-32.0193

■ 41.5650, 29.7945,
-36.4525

■ 168.9230, 33.5620,
-31.5045

■ 27.0890, 25.0991,
-23.7571

■ 195.1960, 29.4834,
-29.9899

■ 8.6180, 22.8663,
-7.5580

■ 220.3030, 17.1056,
-26.5757

■ 4.9360, 13.8356,
-4.3289

■ 244.2360, 5.3067,
-22.1320

■ 0.5700, 2.1840,
-0.4999

■ 253.2060, 0.8844,

■ 0.0000, 0.0000,

-3.6887

0.0000

■ 88.5480, 32.2678,
-36.4376

■ 88.5480, 32.2678,
-36.4376

■ 79.3670, 36.7941,
-41.5409

■ 97.7290, 27.7416,
-31.3343

■ 69.8870, 41.4677,
-47.2589

■ 107.2090, 23.0680,
-25.6163

■ 60.1190, 46.2833,
-51.8474

■ 116.9770, 18.2523,
-21.0278

■ 59.8200, 46.4307,
-52.4621

■ 126.4570, 13.5787,
-15.3098

■ 135.6380, 9.0525,
-10.2065

■ 144.8190, 4.5262,
-5.1033

■ 154.2990, -0.1474,
0.6148

■ 164.0670, -4.9630,
5.2032

■ 173.5470, -9.6367,
10.9213

Harmonies

Analogous

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



78.5070, 34.2600, -68.8506



88.5480, 32.2678, -36.4376



97.3960, 22.9758, 4.0377

Triad

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



88.5480, 32.2678, -36.4376



94.6870, -15.1287, 45.8785



81.6130, -6.7112, -40.8796

Complementary

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



88.5480, 32.2678, -36.4376



112.4520, -32.2678, 36.4376

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.



88.5000, -21.9385, -10.0855



88.5480, 32.2678, -36.4376



93.5640, -25.4211, 33.7084

Square

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



88.5480, 32.2678, -36.4376



95.5420, -1.7462, 46.8827



91.8190, -28.9978, 14.1907



75.8560, 11.4100, -66.5257

Rectangle

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



88.5480, 32.2678, -36.4376



98.2800, 15.6380, 24.3104



91.8190, -28.9978, 14.1907



85.0830, -12.8589, -29.0138

Sweetspot

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



88.5480, 32.2678, -36.4376



175.5280, 12.5577, -14.4951



116.0790, -6.9409, -60.5823



86.3070, 7.7366, -8.1622



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



88.5480, 32.2678, -36.4376



98.8240, 50.3728, -56.8506



59.7960, 46.4426, -9.4681



71.6730, 2.6262, -2.3442



54.7020, 42.0519, -47.9737



5.0040, 3.9420, -4.3885

Inverse Universe

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



84.6930, 6.0674, 60.7822



92.8250, 9.4533, 94.8695



141.2040, -46.4426, 9.4681



71.7340, 0.1311, 4.6183



49.3840, 8.1917, 79.4702



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 88.5480, 32.2678, -36.4376 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 88.5480, 32.2678, -36.4376 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 88.5480, 32.2678, -36.4376

Background



This preview shows how black text looks on a background with the YUV color 88.5480, 32.2678, -36.4376.



This preview shows how white text looks on a background with the YUV color 88.5480, 32.2678, -36.4376.

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

88.5480, 32.2678, -36.4376

Protanopia

93.5180, 27.8456, -17.9943

Deuteranopia

90.6630, 31.2251, -28.6455



Tritanopia

77.6210, 17.9348, -59.3036

Trichromacy



Original Color

88.5480, 32.2678, -36.4376

Protanomaly

91.5280, 29.3197, -24.1421

Deuteranomaly

90.0540, 31.5254, -31.6194

Tritanomaly

81.4570, 23.4387, -51.2668

Monochromacy



Original Color

88.5480, 32.2678, -36.4376

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0120, 11.8261, -13.1655

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.5480, 32.2678, -36.4376 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(47, 97, 154)` looks like.

```
.text, #text, p{  
    color:rgb(47, 97, 154)  
}
```

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(47, 97, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 97, 154) }
```

Border

The CSS property to change the border of an element to YUV 88.5480, 32.2678, -36.4376 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(47, 97, 154) }
```


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

```
.border{ border-color:rgb(47, 97, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 97, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 97, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 97, 154);  
box-shadow:4px 4px 4px 4px rgb(47, 97,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 88.5480, 32.2678, -36.4376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 97, 154) }
```

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

```
.background{ background-color: rgb(47, 97,  
154) }
```

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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