

Converting Colors

YUV(113.5810, 32.7446,
44.2175)

Have a look what the booklet for
YUV(113.5810, 32.7446, 44.2175)
contains.

YUV(113.5810, 32.7446, 44.2175)	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(113.5810, 32.7446,
44.2175)**

Conversions

Conversions Part 1

Format	Color
Hex	A44BB4
RGB	164, 75, 180
RGB Percent	64%, 29%, 71%
CMY	0.3569, 0.7059, 0.2941
CMYK	0.09, 0.58, 0.00, 0.29
HSL	291°, 41%, 50%
HSV	291°, 58%, 71%
XYZ	26.0641, 16.2200, 44.9370
YIQ	113.5810, 19.3390, 51.5230

Conversions

Conversions Part 2

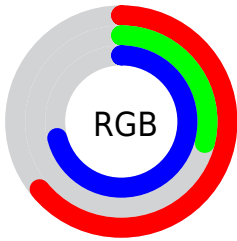
Format	Color
RYB	164, 75, 180
Decimal	10767284
CIELab	47.26, 52.16, -39.83
CIELCh	47, 65.632, 322.632
Yxy	16.2200, 0.2988, 0.1860
Android (android.graphics.Color)	4288957364 (0xFFA44BB4)
YUV	113.5810, 32.7446, 44.2175
Hunter-Lab	40.2740, 45.0404, -37.9630

Details

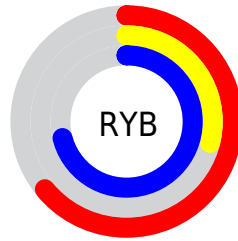
The YUV color **113.5810, 32.7446, 44.2175** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **141.4190, -32.7446, -44.2175**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1190, 33.4653, 46.3766**, and **57.0480, 34.4863, 45.5619** is the 20% darker color. If you saturate the color by 10%, you get **102.1180, 38.3958, 51.6395**, and if you desaturate by 10%, it is **125.0440, 27.0933, 36.7954**.

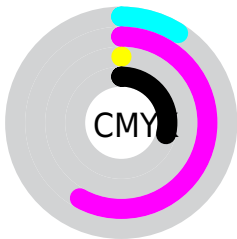
Distribution



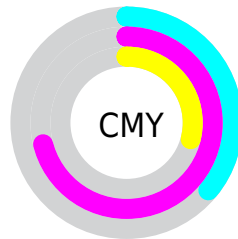
- Red (64%)
- Green (29%)
- Blue (71%)



- Red (64%)
- Yellow (29%)
- Blue (71%)



- Cyan (9%)
- Magenta (58%)
- Yellow (0%)
- Black (29%)



- Cyan (36%)
- Magenta (71%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.5810, 32.7446, 44.2175 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 113.5810, 32.7446, 44.2175 by changing the saturation by 10% instead.

113.5810, 32.7446,
44.2175

113.5810, 32.7446,
44.2175

255.0000, 0.0000,
0.0000

86.2820, 32.8920,
43.6027

168.1190, 33.4653,
46.3766

57.0480, 34.4863,
45.5619

195.6910, 29.2393,
48.5060

36.3310, 31.8818,
40.9287

212.7360, 20.8362,
37.0655

25.8210, 25.2312,
27.3440

229.7590, 12.4438,
22.1364

15.9090, 18.2859,
14.9888

246.7820, 4.0515,
7.2072

4.7080, 12.9620,
-4.1289

0.2280, 0.8736,

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 113.5810, 32.7446,
44.2175

■ 113.5810, 32.7446,
44.2175

■ 102.1180, 38.3958,
51.6395

■ 125.0440, 27.0933,
36.7954

■ 90.9540, 43.8997,
59.6763

■ 136.2080, 21.5895,
28.7586

■ 79.4910, 49.5509,
67.0984

■ 147.6710, 15.9382,
21.3365

■ 68.0280, 55.2022,
74.5204

■ 159.1340, 10.2869,
13.9145

■ 66.2670, 56.0704,
76.0648

■ 170.5970, 4.6357,
6.4924

■ 181.7610, -0.8682,
-1.5444

■ 193.2240, -6.5194,
-8.9664

■ 204.6870,
-12.1707, -16.3885

■ 216.1500,
-17.8220, -23.8106

Harmonies

Analogous

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



107.3960, 53.0488, -28.4113



113.5810, 32.7446, 44.2175



103.1660, 12.2432, 86.6774

Triad

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



113.5810, 32.7446, 44.2175



105.5880, -52.0549, 36.3183



97.2740, 27.4729, -85.3093

Complementary

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



113.5810, 32.7446, 44.2175



141.4190, -32.7446, -44.2175

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.



90.1890, 2.8648, -79.0958



113.5810, 32.7446, 44.2175



100.3180, -49.4568, -3.7869

Square

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



113.5810, 32.7446, 44.2175



104.7400, -42.2698, 71.2650



81.2290, -21.3119, -71.2378



100.8710, 48.8706, -88.4639

Rectangle

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



113.5810, 32.7446, 44.2175



99.5680, -4.2240, 95.0949



81.2290, -21.3119, -71.2378



95.2220, 19.6106, -83.5097

Sweetspot

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



113.5810, 32.7446, 44.2175



207.6660, 13.4757, 17.8329



97.5360, 40.6548, -19.7641



100.5420, 8.1138, 10.9257



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



113.5810, 32.7446, 44.2175



130.6700, 51.4347, 69.5724



114.3750, 15.0981, 57.5531



83.4180, 2.7519, 4.0184



56.3120, 47.6672, 64.6244



9.5420, 8.1138, 10.9257

Inverse Universe

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



108.2190, -8.4890, 62.9519



122.1850, -13.4022, 98.9388



140.6250, -15.0981, -57.5531



82.9190, -0.4531, 5.3330



48.3690, -12.5069, 91.7614



8.2300, -2.0854, 15.5843

Previews

White Background



This preview shows how the YUV color 113.5810, 32.7446, 44.2175 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 113.5810, 32.7446, 44.2175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

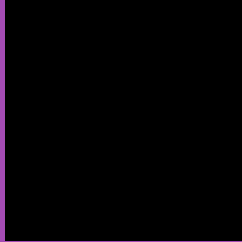
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.5810, 32.7446, 44.2175

Background



This preview shows how black text looks on a background with the YUV color 113.5810, 32.7446, 44.2175.



This preview shows how white text looks on a background with the YUV color 113.5810, 32.7446,

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

113.5810, 32.7446, 44.2175

Protanopia

105.1940, 52.6554, -42.2661

Deuteranopia

109.9840, 31.0669, -24.5420



Tritanopia

114.1400, -5.4920, 34.9572

Trichromacy



Original Color

113.5810, 32.7446, 44.2175



Protanomaly

108.4430, 45.1376, -10.9125



Deuteranomaly

111.6650, 31.7172, 0.2938



Tritanomaly

113.8320, 8.4638, 38.7353

Monochromacy



Original Color

113.5810, 32.7446, 44.2175



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

113.9000, 11.8813, 15.8737

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.5810, 32.7446, 44.2175 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(164, 75, 180)` looks like.

```
.text, #text, p{  
    color:rgb(164, 75, 180)  
}
```

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(164, 75, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 75, 180) }
```

Border

The CSS property to change the border of an element to YUV 113.5810, 32.7446, 44.2175 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(164, 75, 180) }
```


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

```
.border{ border-color:rgb(164, 75, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 75, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 75, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 75, 180);  
box-shadow:4px 4px 4px 4px rgb(164, 75,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 113.5810, 32.7446, 44.2175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 75, 180) }
```

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

```
.background{ background-color: rgb(164, 75,  
180) }
```

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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