

Converting Colors

YUV(113.5650, 33.7385,
52.1245)

Have a look what the booklet for
YUV(113.5650, 33.7385, 52.1245)
contains.

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Color

**YUV(113.5650, 33.7385,
52.1245)**

Conversions

Conversions Part 1

Format	Color
Hex	AD46B6
RGB	173, 70, 182
RGB Percent	68%, 27%, 71%
CMY	0.3216, 0.7255, 0.2863
CMYK	0.05, 0.62, 0.00, 0.29
HSL	295°, 44%, 49%
HSV	295°, 62%, 71%
XYZ	27.8672, 16.6420, 45.9994
YIQ	113.5650, 25.4360, 56.6680

Conversions

Conversions Part 2

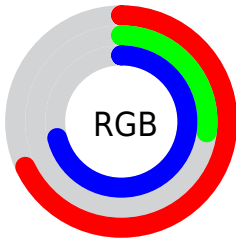
Format	Color
R_{YB}	173, 70, 182
Decimal	11355830
CIE _{Lab}	47.81, 57.14, -40.06
CIE _{LCh}	48, 69.785, 324.967
Yxy	16.6420, 0.3079, 0.1839
Android (android.graphics.Color)	4289545910 (0xFFAD46B6)
YUV	113.5650, 33.7385, 52.1245
Hunter-Lab	40.7946, 50.5450, -38.2985

Details

The YUV color **113.5650, 33.7385, 52.1245** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **138.4350, -33.7385, -52.1245**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.5760, 33.7330, 53.8688**, and **49.5750, 38.6635, 59.1317** is the 20% darker color. If you saturate the color by 10%, you get **102.7000, 39.0949, 60.7761**, and if you desaturate by 10%, it is **124.4300, 28.3820, 43.4729**.

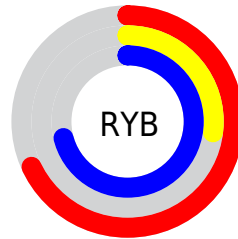
Distribution



Red (68%)

Green (27%)

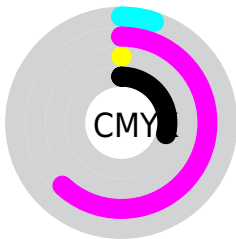
Blue (71%)



Red (68%)

Yellow (27%)

Blue (71%)

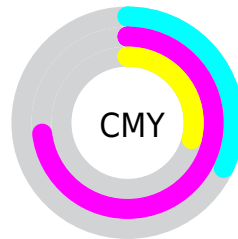


Cyan (5%)

Magenta (62%)

Yellow (0%)

Black (29%)



Cyan (32%)

Magenta (73%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.5650, 33.7385, 52.1245 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 113.5650, 33.7385, 52.1245 by changing the saturation by 10% instead.

■ 113.5650, 33.7385,
52.1245

■ 113.5650, 33.7385,
52.1245

■ 255.0000, 0.0000,
0.0000

■ 85.0920, 34.4646,
52.5393

■ 169.5760, 33.7330,
53.8688

■ 49.5750, 38.6635,
59.1317

■ 194.5390, 29.8073,
53.0243

■ 38.6520, 31.7236,
45.0322

■ 210.9750, 21.7043,
38.6099

■ 28.0280, 24.6362,
31.5474

■ 227.9980, 13.3120,
23.6808

■ 18.2300, 18.1276,
19.0923

■ 245.0210, 4.9196,
8.7516

■ 3.6480, 13.9775,
-3.1993

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 113.5650, 33.7385,
52.1245

■ 113.5650, 33.7385,
52.1245

■ 102.7000, 39.0949,
60.7761

■ 124.4300, 28.3820,
43.4729

■ 91.5360, 44.5988,
68.8129

■ 135.5940, 22.8782,
35.4361

■ 80.0840, 50.2446,
77.9793

■ 147.0460, 17.2323,
26.2697

■ 70.6810, 54.8803,
84.4718

■ 158.2100, 11.7285,
18.2328

■ 169.0750, 6.3720,
9.5812

■ 180.2390, 0.8682,
1.5444

■ 191.1040, -4.4883,
-7.1072

■ 202.8550,
-10.2815, -15.6588

■ 213.7200,
-15.6380, -24.3104

Harmonies

Analogous

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



109.8850, 54.7797, -23.5781



113.5650, 33.7385, 52.1245



99.4600, 13.0842, 96.9436

Triad

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



113.5650, 33.7385, 52.1245



107.0500, -52.7756, 34.1592



100.0610, 30.5359, -87.7535

Complementary

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



113.5650, 33.7385, 52.1245



138.4350, -33.7385, -52.1245

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.



92.5200, 4.1806, -81.1400



113.5650, 33.7385, 52.1245



100.2850, -49.4405, -9.0199

Square

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



113.5650, 33.7385, 52.1245



103.9870, -50.2796, 73.6794



82.9900, -22.1801, -72.7822



103.1850, 52.6598, -90.4932

Rectangle

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



113.5650, 33.7385, 52.1245



97.0960, -4.9773, 103.4018



82.9900, -22.1801, -72.7822



97.7810, 21.8000, -85.7539

Sweetspot

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



113.5650, 33.7385, 52.1245



210.8620, 12.8860, 20.2920



88.0510, 46.3169, -15.8307



103.5530, 8.1084, 12.6700



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



113.5650, 33.7385, 52.1245



130.0890, 52.7071, 81.4829



110.8980, 11.8823, 62.3565



86.4180, 2.7519, 4.0184



60.5410, 47.0613, 72.3165



10.9660, 8.3978, 13.1848

Inverse Universe

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



104.5140, -12.5784, 67.9552



115.9210, -19.6811, 106.1863



141.1020, -11.8823, -62.3565



85.6910, -1.3267, 5.5330



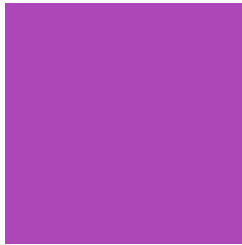
48.0120, -17.7539, 94.7055



8.6000, -3.2538, 17.0138

Previews

White Background



This preview shows how the YUV color 113.5650, 33.7385, 52.1245 looks on a white background.

Color Contrast Check

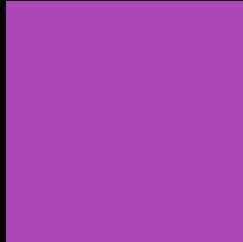
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.5650, 33.7385, 52.1245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

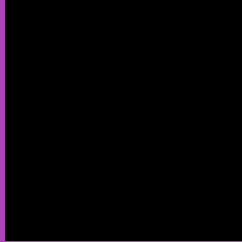
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.5650, 33.7385, 52.1245

Background



This preview shows how black text looks on a background with the YUV color 113.5650, 33.7385, 52.1245.



This preview shows how white text looks on a background with the YUV color 113.5650, 33.7385,

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

113.5650, 33.7385, 52.1245

Protanopia

104.6000, 56.8922, -47.8842

Deuteranopia

111.8700, 30.6301, -24.4420



Tritanopia

115.3150, -7.5503, 41.8197

Trichromacy



Original Color

113.5650, 33.7385, 52.1245



Protanomaly

107.6540, 48.4846, -11.0976



Deuteranomaly

112.3880, 31.8537, 3.1677



Tritanomaly

114.6480, 7.5685, 45.9127

Monochromacy



Original Color

113.5650, 33.7385, 52.1245



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

113.7370, 12.4547, 18.6477

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.5650, 33.7385, 52.1245 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(173, 70, 182)` looks like.

```
.text, #text, p{  
    color:rgb(173, 70, 182)  
}
```

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(173, 70, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 70, 182) }
```

Border

The CSS property to change the border of an element to YUV 113.5650, 33.7385, 52.1245 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(173, 70, 182) }
```


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

```
.border{ border-color:rgb(173, 70, 182) }
```

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

Here you see how a box with a 4 pixel rgb(173, 70, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 70, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 70, 182);  
box-shadow:4px 4px 4px 4px rgb(173, 70,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 113.5650, 33.7385, 52.1245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 70, 182) }
```

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

```
.background{ background-color: rgb(173, 70,  
182) }
```

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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