

Converting Colors

YUV(55.6320, 35.1844, 8.2157)

Have a look what the booklet for
YUV(55.6320, 35.1844, 8.2157)
contains.

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Color

**YUV(55.6320, 35.1844,
8.2157)**

Conversions

Conversions Part 1

Format	Color
Hex	41257F
RGB	65, 37, 127
RGB Percent	25%, 15%, 50%
CMY	0.7451, 0.8549, 0.5020
CMYK	0.49, 0.71, 0.00, 0.50
HSL	259°, 55%, 32%
HSV	259°, 71%, 50%
XYZ	6.6723, 3.9793, 20.4951
YIQ	55.6320, -12.2020, 33.9260

Conversions

Conversions Part 2

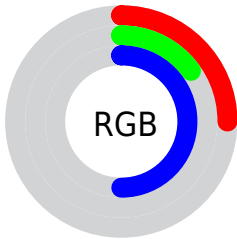
Format	Color
R_{YB}	65, 37, 127
Decimal	4269439
CIE _{Lab}	23.60, 35.56, -46.34
CIE _{LCh}	24, 58.410, 307.501
Yxy	3.9793, 0.2142, 0.1278
Android (android.graphics.Color)	4282459519 (0xFF41257F)
YUV	55.6320, 35.1844, 8.2157
Hunter-Lab	19.9481, 24.7962, -46.9521

Details

The YUV color **55.6320, 35.1844, 8.2157** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **108.3680, -35.1844, -8.2157**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.5230, 37.2102, 11.8193**, and **10.2730, 32.8964, -4.6244** is the 20% darker color. If you saturate the color by 10%, you get **45.3100, 40.2732, 9.3751**, and if you desaturate by 10%, it is **65.9540, 30.0957, 7.0563**.

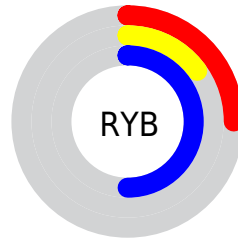
Distribution



Red (25%)

Green (15%)

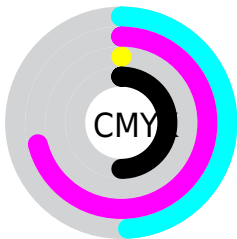
Blue (50%)



Red (25%)

Yellow (15%)

Blue (50%)

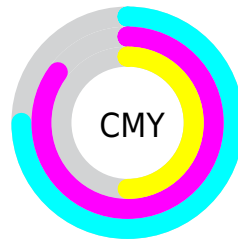


Cyan (49%)

Magenta (71%)

Yellow (0%)

Black (50%)



Cyan (75%)

Magenta (85%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.6320, 35.1844, 8.2157 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 55.6320, 35.1844, 8.2157 by changing the saturation by 10% instead.

■ 55.6320, 35.1844,
8.2157

■ 55.6320, 35.1844,
8.2157

■ 255.0000, 0.0000,
0.0000

■ 30.7950, 34.6111,
5.4418

■ 105.5230, 37.2102,
11.8193

■ 10.2730, 32.8964,
-4.6244

■ 131.3490, 37.7889,
12.8489

■ 6.0420, 23.1503,
-5.2988

■ 158.2890, 38.8045,
13.7785

■ 4.7080, 12.9620,
-4.1289

■ 183.9750, 35.0153,
15.8079

■ 0.2280, 0.8736,
-0.2000

■ 209.0820, 22.6376,
19.2221

■ 0.0000, 0.0000,
0.0000

■ 232.1070, 11.2862,

20.0772

249.1300, 2.8939,
5.1480

55.6320, 35.1844,
8.2157

55.6320, 35.1844,
8.2157

45.3100, 40.2732,
9.3751

65.9540, 30.0957,
7.0563

35.8740, 44.9251,
10.6345

75.3900, 25.4437,
5.7970

26.4380, 49.5771,
11.8939

85.7120, 20.3550,
4.6376

96.0340, 15.2662,
3.4782

106.3560, 10.1775,
2.3188

■ 115.7920, 5.5255,
1.0594

■ 126.1140, 0.4368,
-0.1000

■ 136.4360, -4.6519,
-1.2594

■ 146.1710, -9.4513,
-1.9040

Harmonies

Analogous

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



51.1630, 46.2616, -44.8700



55.6320, 35.1844, 8.2157



44.4600, 22.9442, 60.9866

Triad

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



55.6320, 35.1844, 8.2157



52.1840, -25.7267, 38.4266



50.4890, 8.1399, -44.2789

Complementary

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



55.6320, 35.1844, 8.2157



108.3680, -35.1844, -8.2157

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.



43.8430, -12.2476, -38.4503



55.6320, 35.1844, 8.2157



51.9860, -25.6291, 7.0283

Square

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



55.6320, 35.1844, 8.2157



35.8800, -17.6888, 73.7732



39.3290, -19.3892, -34.4915



55.2770, 26.4854, -48.4779

Rectangle

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



55.6320, 35.1844, 8.2157



45.0410, 8.3608, 71.8780



39.3290, -19.3892, -34.4915



48.6650, 1.1512, -42.6792

Sweetspot

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



55.6320, 35.1844, 8.2157



138.2790, 13.6665, 3.2633



84.2410, 21.0802, -41.4304



67.4870, 8.1409, 2.2039



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



55.6320, 35.1844, 8.2157



54.2300, 55.1026, 12.9533



68.7880, 28.6985, 35.2659



58.3960, 2.7628, 0.5297



26.5520, 50.0139, 11.7939



0.0000, 0.0000, 0.0000

Inverse Universe

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



70.9780, 13.8148, 49.1313



78.2170, 21.5850, 76.9857



95.2120, -28.6985, -35.2659



59.6630, 1.1521, 3.8035



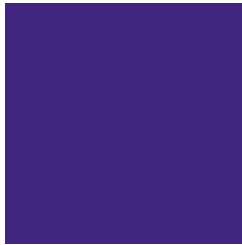
48.3040, 19.5701, 69.8934



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 55.6320, 35.1844, 8.2157 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 55.6320, 35.1844, 8.2157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

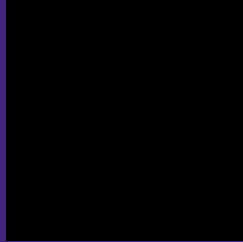
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.6320, 35.1844, 8.2157

Background



This preview shows how black text looks on a background with the YUV color 55.6320, 35.1844, 8.2157.



This preview shows how white text looks on a background with the YUV color 55.6320, 35.1844,

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

55.6320, 35.1844, 8.2157

Protanopia

45.5090, 34.7521, -39.9114

Deuteranopia

45.4460, 26.8951, -39.8561



Tritanopia

55.8680, 3.5161, -7.7772

Trichromacy



Original Color

55.6320, 35.1844, 8.2157

Protanomaly

49.0320, 34.9872, -21.9531

Deuteranomaly

49.0660, 30.0405, -21.9829

Tritanomaly

55.8870, 14.8457, -1.6549

Monochromacy



Original Color

55.6320, 35.1844, 8.2157

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.7520, 12.9403, 2.8485

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.6320, 35.1844, 8.2157 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(65, 37, 127)` looks like.

```
.text, #text, p{  
    color:rgb(65, 37, 127)  
}
```

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(65, 37, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 37, 127) }
```

Border

The CSS property to change the border of an element to YUV 55.6320, 35.1844, 8.2157 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(65, 37, 127) }
```


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

```
.border{ border-color:rgb(65, 37, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 37, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 37, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 37, 127);  
box-shadow:4px 4px 4px 4px rgb(65, 37,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 55.6320, 35.1844, 8.2157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 37, 127) }
```

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

```
.background{ background-color: rgb(65, 37,  
127) }
```

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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