

Converting Colors

YUV(55.6400, 26.3065, 9.0857)

Have a look what the booklet for
YUV(55.6400, 26.3065, 9.0857)
contains.

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Color

**YUV(55.6400, 26.3065,
9.0857)**

Conversions

Conversions Part 1

Format	Color
Hex	42286D
RGB	66, 40, 109
RGB Percent	26%, 16%, 43%
CMY	0.7412, 0.8431, 0.5725
CMYK	0.39, 0.63, 0.00, 0.57
HSL	263°, 46%, 29%
HSV	263°, 63%, 43%
XYZ	5.7659, 3.7800, 14.8937
YIQ	55.6400, -6.6530, 26.9710

Conversions

Conversions Part 2

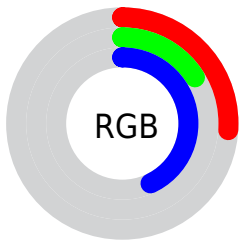
Format	Color
R_{YB}	66, 40, 109
Decimal	4335725
CIE _{Lab}	22.93, 28.66, -35.93
CIE _{LCh}	23, 45.958, 308.579
Yxy	3.7800, 0.2359, 0.1547
Android (android.graphics.Color)	4282525805 (0xFF42286D)
YUV	55.6400, 26.3065, 9.0857
Hunter-Lab	19.4421, 18.9133, -31.8098

Details

The YUV color **55.6400, 26.3065, 9.0857** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **93.3600, -26.3065, -9.0857**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.4060, 27.9008, 11.0449**, and **12.3360, 23.9914, 4.9673** is the 20% darker color. If you saturate the color by 10%, you get **47.0900, 30.5216, 10.4451**, and if you desaturate by 10%, it is **64.1900, 22.0913, 7.7264**.

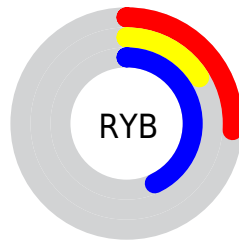
Distribution



Red (26%)

Green (16%)

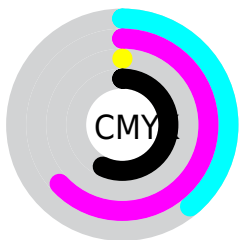
Blue (43%)



Red (26%)

Yellow (16%)

Blue (43%)

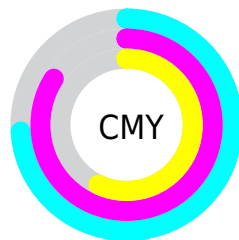


Cyan (39%)

Magenta (63%)

Yellow (0%)

Black (57%)



Cyan (74%)

Magenta (84%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.6400, 26.3065, 9.0857 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 55.6400, 26.3065, 9.0857 by changing the saturation by 10% instead.

■ 55.6400, 26.3065,
9.0857

■ 55.6400, 26.3065,
9.0857

■ 255.0000, 0.0000,
0.0000

■ 32.4010, 25.4383,
7.5413

■ 104.4060, 27.9008,
11.0449

■ 12.3360, 23.9914,
4.9673

■ 129.6450, 28.7690,
12.5893

■ 6.0930, 15.7302,
-5.3436

■ 156.1720, 29.4952,
13.0042

■ 2.2970, 6.2626,
-2.0145

■ 183.1120, 30.5108,
13.9338

■ 0.0000, 0.0000,
0.0000

■ 209.0600, 22.6484,
15.7334

■ 233.8680, 10.4181,

18.5328

250.3040, 2.3151,
4.1184

55.6400, 26.3065,
9.0857

55.6400, 26.3065,
9.0857

47.0900, 30.5216,
10.4451

64.1900, 22.0913,
7.7264

38.5400, 34.7368,
11.8044

72.7400, 17.8762,
6.3670

30.2890, 38.8045,
13.7785

80.9910, 13.8084,
4.3929

24.6850, 41.5673,
14.3083

89.5410, 9.5933,
3.0335

98.0910, 5.3781,
1.6742

■ 106.0540, 1.4524,
0.8296

■ 114.6040, -2.7628,
-0.5297

■ 122.8550, -6.8305,
-2.5038

■ 131.4050,
-11.0457, -3.8632

Harmonies

Analogous

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



46.8940, 37.5203, -41.1260



55.6400, 26.3065, 9.0857



49.5970, 14.9887, 45.9574

Triad

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



55.6400, 26.3065, 9.0857



51.5530, -25.4156, 31.9640



47.7990, 7.9871, -41.9197

Complementary

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



55.6400, 26.3065, 9.0857



93.3600, -26.3065, -9.0857

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.



43.1080, -7.4482, -37.8057



55.6400, 26.3065, 9.0857



50.8120, -25.0503, 8.0579

Square

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



55.6400, 26.3065, 9.0857



47.5630, -17.0396, 52.1262



43.5480, -21.4692, -20.6516



51.5610, 22.4014, -45.2190

Rectangle

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



55.6400, 26.3065, 9.0857



41.2740, 8.2459, 62.0267



43.5480, -21.4692, -20.6516



46.4310, 2.7455, -40.7200

Sweetspot

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



55.6400, 26.3065, 9.0857



122.0680, 10.3195, 3.4484



73.6940, 17.4059, -29.5496



58.6180, 6.1043, 2.0890



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



55.6400, 26.3065, 9.0857



58.6850, 41.5673, 14.3083



65.8060, 21.2946, 29.9881



49.2820, 2.3260, 0.6297



26.4940, 44.6195, 15.3528



55.4380, 93.4541, 32.0649

Inverse Universe

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



65.5330, 8.6112, 38.1206



74.3430, 13.6349, 60.2122



83.1940, -21.2946, -29.9881



50.2500, 0.8628, 3.2887



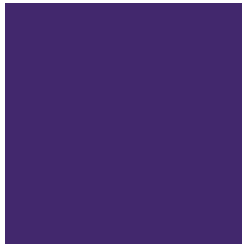
43.3050, 14.6396, 64.6305



90.6970, 30.7154, 135.3237

Previews

White Background



This preview shows how the YUV color 55.6400, 26.3065, 9.0857 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 55.6400, 26.3065, 9.0857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

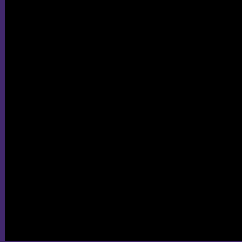
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.6400, 26.3065, 9.0857

Background



This preview shows how black text looks on a background with the YUV color 55.6400, 26.3065, 9.0857.



This preview shows how white text looks on a background with the YUV color 55.6400, 26.3065,

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

55.6400, 26.3065, 9.0857

Protanopia

43.9930, 34.0205, -38.5819

Tritanopia

55.4560, 1.7472, -0.3999

Trichromacy



Original Color

55.6400, 26.3065, 9.0857

Protanomaly

48.1200, 31.4928, -21.1532

Tritanomaly

55.7690, 10.4669, 2.8336

Monochromacy



Original Color

55.6400, 26.3065, 9.0857

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.8400, 9.4459, 3.6483

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.6400, 26.3065, 9.0857 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(66, 40, 109)` looks like.

```
.text, #text, p{  
    color:rgb(66, 40, 109)  
}
```

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(66, 40, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 40, 109) }
```

Border

The CSS property to change the border of an element to YUV 55.6400, 26.3065, 9.0857 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(66, 40, 109) }
```

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

```
.border{ border-color:rgb(66, 40, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 40, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 40, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 40, 109);  
box-shadow:4px 4px 4px 4px rgb(66, 40,  
109) }
```


Background

The CSS property to change the background color of an element to YUV 55.6400, 26.3065, 9.0857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 40, 109) }
```

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

```
.background{ background-color: rgb(66, 40,  
109) }
```

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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