

Converting Colors

YUV(55.2860, 43.7360, 65.5242)

Have a look what the booklet for
YUV(55.2860, 43.7360, 65.5242)
contains.

YUV(55.2860, 43.7360, 65.5242)	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>	30

Color

**YUV(55.2860, 43.7360,
65.5242)**

Conversions

Conversions Part 1

Format	Color
Hex	820090
RGB	130, 0, 144
RGB Percent	51%, 0%, 56%
CMY	0.4902, 1.0000, 0.4353
CMYK	0.10, 1.00, 0.00, 0.44
HSL	294°, 100%, 28%
HSV	294°, 100%, 56%
XYZ	14.2400, 6.7594, 26.9397
YIQ	55.2860, 31.2560, 72.3440

Conversions

Conversions Part 2

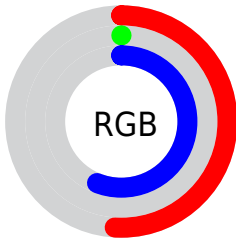
Format	Color
R_{YB}	130, 0, 144
Decimal	8519824
CIE _{Lab}	31.25, 61.88, -44.09
CIE _{LCh}	31, 75.981, 324.533
Y _{xy}	6.7594, 0.2970, 0.1410
Android (android.graphics.Color)	4286709904 (0xFF820090)
YUV	55.2860, 43.7360, 65.5242
Hunter-Lab	25.9989, 52.2687, -43.2362

Details

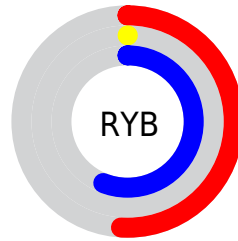
The YUV color **55.2860, 43.7360, 65.5242** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **88.7140, -43.7360, -65.5242**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.0370, 37.9428, 56.9726**, and **33.0270, 29.5667, 36.8103** is the 20% darker color. If you saturate the color by 10%, you get **55.2860, 43.7360, 65.5242**, and if you desaturate by 10%, it is **63.8030, 39.5371, 58.9318**.

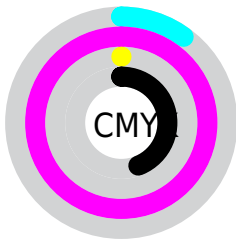
Distribution



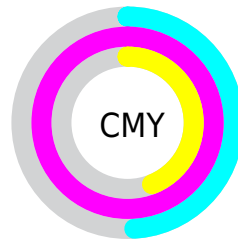
- Red (51%)
- Green (0%)
- Blue (56%)



- Red (51%)
- Yellow (0%)
- Blue (56%)



- Cyan (10%)
- Magenta (100%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (100%)
- Yellow (44%)
- Cyan (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.2860, 43.7360, 65.5242 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 55.2860, 43.7360, 65.5242 by changing the saturation by 10% instead.

■ 55.2860, 43.7360,
65.5242

■ 55.2860, 43.7360,
65.5242

■ 255.0000, 0.0000,
0.0000

■ 43.9500, 36.5067,
50.9099

■ 122.0370, 37.9428,
56.9726

■ 33.0270, 29.5667,
36.8103

■ 150.3360, 37.7954,
57.5873

■ 23.1150, 22.6213,
24.4551

■ 178.0480, 37.9373,
58.7169

■ 11.1100, 16.7078,
7.7965

■ 197.4740, 28.3603,
50.4503

■ 3.2090, 9.7570,
-2.8143

■ 214.4970, 19.9680,
35.5211

■ 0.0000, 0.0000,
0.0000

■ 231.5200, 11.5756,

20.5920

■ 248.5430, 3.1833,
5.6628

■ 55.2860, 43.7360,
65.5242

■ 63.8030, 39.5371,
58.9318

■ 73.2060, 34.9014,
52.4393

■ 81.7230, 30.7026,
45.8469

■ 91.1260, 26.0669,
39.3545

■ 99.6430, 21.8680,
32.7621

■ 108.1600, 17.6691,
26.1697

■ 117.5630, 13.0334,
19.6772

■ 126.0800, 8.8346,
13.0848

■ 135.4830, 4.1989,
6.5924

Harmonies

Analogous

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



58.0710, 62.5760, -50.9283



55.2860, 43.7360, 65.5242



59.8510, 13.3845, 93.9697

Triad

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



55.2860, 43.7360, 65.5242



69.8160, -34.4193, 26.4714



70.2600, 25.5078, -61.6180

Complementary

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



55.2860, 43.7360, 65.5242



88.7140, -43.7360, -65.5242

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.



62.7190, -0.8475, -55.0046



55.2860, 43.7360, 65.5242



61.5670, -30.3525, -18.0373

Square

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



55.2860, 43.7360, 65.5242



61.2420, -30.1923, 70.8248



54.0040, -26.6240, -47.3615



75.3730, 47.6371, -66.1021

Rectangle

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



55.2860, 43.7360, 65.5242



56.4160, -3.6561, 99.6132



54.0040, -26.6240, -47.3615



67.9800, 16.7719, -59.6185

Sweetspot

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



55.2860, 43.7360, 65.5242



151.6330, 16.9429, 25.7549



24.6340, 58.8474, -21.6040



73.1450, 10.2815, 15.6588



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



55.2860, 43.7360, 65.5242



71.4360, 56.4801, 84.6866



52.8600, 16.3380, 79.9298



66.8910, 2.0257, 3.6036



51.8680, 40.9841, 61.5058



3.0050, 2.4625, 3.5036

Inverse Universe

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



44.6520, -15.1114, 87.1282



57.6660, -19.5553, 112.5489



91.1400, -16.3380, -79.9298



66.2070, -0.5951, 4.2035



41.8470, -14.2216, 81.6952



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 55.2860, 43.7360, 65.5242 looks on a white background.

Color Contrast Check

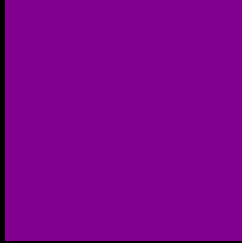
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.2860, 43.7360, 65.5242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

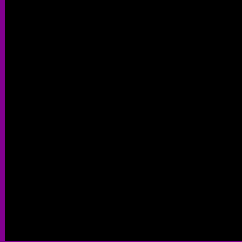
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.2860, 43.7360, 65.5242

Background



This preview shows how black text looks on a background with the YUV color 55.2860, 43.7360, 65.5242.



This preview shows how white text looks on a background with the YUV color 55.2860, 43.7360,

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



Protanopia

61.2220, 46.7256, -53.6917

Deuteranopia

68.3520, 32.8575, -38.8967

Tritanopia

75.5920, -7.6869, 38.9458

Trichromacy



Protanomaly

58.9700, 45.8638, -10.4977

Deuteranomaly

63.9190, 36.5219, -0.8060

Tritanomaly

68.5820, 11.0521, 48.6016

Monochromacy



Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9810, 15.7854, 23.6957

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.2860, 43.7360, 65.5242 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(130, 0, 144)` looks like.

```
.text, #text, p{  
    color:rgb(130, 0, 144)  
}
```

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(130, 0, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 0, 144) }
```

Border

The CSS property to change the border of an element to YUV 55.2860, 43.7360, 65.5242 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(130, 0, 144) }
```

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

```
.border{ border-color:rgb(130, 0, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 0, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 0, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 0, 144);  
box-shadow:4px 4px 4px 4px rgb(130, 0,  
144) }
```


Background

The CSS property to change the background color of an element to YUV 55.2860, 43.7360, 65.5242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 0, 144) }
```

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

```
.background{ background-color: rgb(130, 0,  
144) }
```

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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