

Converting Colors

YUV(55.9450, 43.9041, 11.4492)

Have a look what the booklet for
YUV(55.9450, 43.9041, 11.4492)
contains.

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Color

**YUV(55.9450, 43.9041,
11.4492)**

Conversions

Conversions Part 1

Format	Color
Hex	452091
RGB	69, 32, 145
RGB Percent	27%, 13%, 57%
CMY	0.7294, 0.8745, 0.4314
CMYK	0.52, 0.78, 0.00, 0.43
HSL	260°, 64%, 35%
HSV	260°, 78%, 57%
XYZ	8.0816, 4.3426, 27.2003
YIQ	55.9450, -14.2210, 42.9870

Conversions

Conversions Part 2

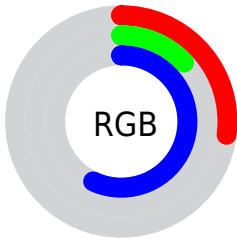
Format	Color
R_{YB}	69, 32, 145
Decimal	4530321
CIE _{Lab}	24.77, 44.12, -55.66
CIE _{LCh}	25, 71.026, 308.401
Yxy	4.3426, 0.2040, 0.1096
Android (android.graphics.Color)	4282720401 (0xFF452091)
YUV	55.9450, 43.9041, 11.4492
Hunter-Lab	20.8388, 32.7569, -62.8023

Details

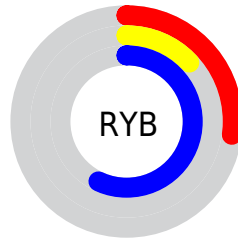
The YUV color **55.9450, 43.9041, 11.4492** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **121.0550, -43.9041, -11.4492**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.7220, 45.4931, 15.1528**, and **10.6020, 40.6222, -9.2980** is the 20% darker color. If you saturate the color by 10%, you get **44.7370, 49.4297, 12.5087**, and if you desaturate by 10%, it is **67.7400, 38.0892, 9.8750**.

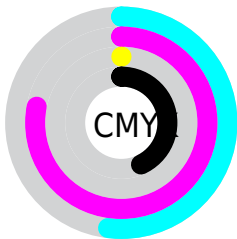
Distribution



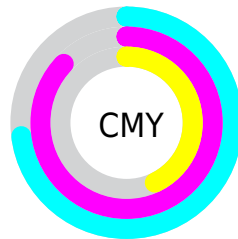
- Red (27%)
- Green (13%)
- Blue (57%)



- Red (27%)
- Yellow (13%)
- Blue (57%)



- Cyan (52%)
- Magenta (78%)
- Yellow (0%)
- Black (43%)



- Cyan (73%)
- Magenta (87%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.9450, 43.9041, 11.4492 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 55.9450, 43.9041, 11.4492 by changing the saturation by 10% instead.

■ 55.9450, 43.9041,
11.4492

■ 55.9450, 43.9041,
11.4492

■ 255.0000, 0.0000,
0.0000

■ 28.1620, 44.7831,
9.5049

■ 107.7220, 45.4931,
15.1528

■ 10.6020, 40.6222,
-9.2980

■ 133.9610, 46.3612,
16.6972

■ 7.8660, 30.1391,
-6.8985

■ 160.9720, 46.3558,
18.4416

■ 6.8910, 18.7877,
-6.0434

■ 185.4920, 34.2674,
22.3705

■ 3.3230, 10.1938,
-2.9143

■ 210.0120, 22.1791,
26.2995

■ 0.0000, 0.0000,
0.0000

■ 230.9330, 11.8650,

21.1068

247.9560, 3.4727,
6.1776

55.9450, 43.9041,
11.4492

55.9450, 43.9041,
11.4492

44.7370, 49.4297,
12.5087

67.7400, 38.0892,
9.8750

32.9420, 55.2446,
14.0829

78.9480, 32.5636,
8.8156

30.5830, 56.4076,
14.3977

90.4440, 26.8961,
6.6266

101.6520, 21.3706,
5.5672

113.4470, 15.5556,
3.9930

■ 124.6550, 10.0301,
2.9336

■ 135.5640, 4.6519,
1.2594

■ 147.3590, -1.1630,
-0.3148

■ 159.1540, -6.9779,
-1.8891

Harmonies

Analogous

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



56.1330, 55.1504, -49.2286



55.9450, 43.9041, 11.4492



49.9710, 24.6643, 69.3084

Triad

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



55.9450, 43.9041, 11.4492



54.2770, -26.7586, 42.7301



54.1080, 9.3138, -47.4527

Complementary

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



55.9450, 43.9041, 11.4492



121.0550, -43.9041, -11.4492

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.



46.0940, -16.3153, -40.4244



55.9450, 43.9041, 11.4492



54.3340, -26.7867, 4.9691

Square

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



55.9450, 43.9041, 11.4492



40.0660, -19.7525, 82.3801



42.2640, -20.8362, -37.0655



60.1500, 32.4641, -52.7515

Rectangle

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



55.9450, 43.9041, 11.4492



50.3520, 6.7285, 82.1293



42.2640, -20.8362, -37.0655



51.3550, 1.3040, -45.0383

Sweetspot

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



55.9450, 43.9041, 11.4492



154.5010, 17.0080, 4.8226



90.0810, 27.0751, -50.9370



73.6550, 10.0301, 2.9336



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.



55.9450, 43.9041, 11.4492



48.6340, 69.2004, 17.8610



72.3900, 35.7967, 45.2620



65.6950, 2.6154, 1.1445



28.5460, 52.4818, 13.5532



1.8090, 3.0522, 1.0445

Inverse Universe

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



74.4510, 16.5397, 61.8715



77.9020, 26.1773, 97.4329



104.6100, -35.7967, -45.2620



66.6630, 1.1521, 3.8035



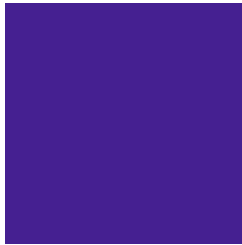
50.7390, 19.8487, 73.8969



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 55.9450, 43.9041, 11.4492 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 55.9450, 43.9041, 11.4492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

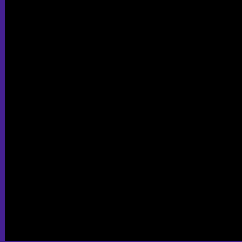
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.9450, 43.9041, 11.4492

Background



This preview shows how black text looks on a background with the YUV color 55.9450, 43.9041, 11.4492.



This preview shows how white text looks on a background with the YUV color 55.9450, 43.9041,

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

55.9450, 43.9041, 11.4492

Protanopia

47.2530, 36.3573, -41.4409

Tritanopia

57.4870, 4.6899, -10.9511

Trichromacy



Original Color

55.9450, 43.9041, 11.4492

Protanomaly

50.4710, 39.2078, -22.3381

Tritanomaly

56.9130, 18.7769, -2.5547

Monochromacy



Original Color

55.9450, 43.9041, 11.4492

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.8600, 15.8450, 4.5078

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.9450, 43.9041, 11.4492 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(69, 32, 145)` looks like.

```
.text, #text, p{  
    color:rgb(69, 32, 145)  
}
```

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(69, 32, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 32, 145) }
```

Border

The CSS property to change the border of an element to YUV 55.9450, 43.9041, 11.4492 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(69, 32, 145) }
```

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

```
.border{ border-color:rgb(69, 32, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 32, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 32, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 32, 145);  
box-shadow:4px 4px 4px 4px rgb(69, 32,  
145) }
```


Background

The CSS property to change the background color of an element to YUV 55.9450, 43.9041, 11.4492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 32, 145) }
```

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

```
.background{ background-color: rgb(69, 32,  
145) }
```

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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