

Converting Colors

YUV(53.2610, 44.7343, 25.2041)

Have a look what the booklet for
YUV(53.2610, 44.7343, 25.2041)
contains.

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Color

**YUV(53.2610, 44.7343,
25.2041)**

Conversions

Conversions Part 1

Format	Color
Hex	521590
RGB	82, 21, 144
RGB Percent	32%, 8%, 56%
CMY	0.6784, 0.9176, 0.4353
CMYK	0.43, 0.85, 0.00, 0.44
HSL	270°, 75%, 32%
HSV	270°, 85%, 56%
XYZ	8.7819, 4.3438, 26.7611
YIQ	53.2610, -3.1270, 51.1850

Conversions

Conversions Part 2

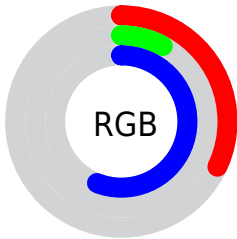
Format	Color
R _Y B	82, 21, 144
Decimal	5379472
CIE Lab	24.78, 50.28, -54.97
CIE LCh	25, 74.498, 312.445
Yxy	4.3438, 0.2202, 0.1089
Android (android.graphics.Color)	4283569552 (0xFF521590)
YUV	53.2610, 44.7343, 25.2041
Hunter-Lab	20.8418, 38.7397, -61.5401

Details

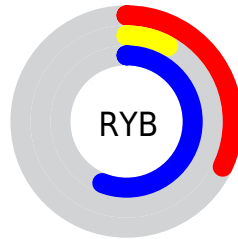
The YUV color **53.2610, 44.7343, 25.2041** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **111.7390, -44.7343, -25.2041**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.3860, 45.1657, 26.8485**, and **17.3650, 36.7951, 4.9419** is the 20% darker color. If you saturate the color by 10%, you get **42.9500, 49.8177, 28.1078**, and if you desaturate by 10%, it is **63.5720, 39.6510, 22.3004**.

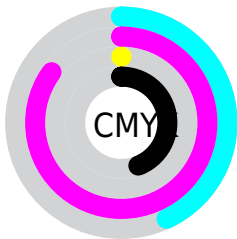
Distribution



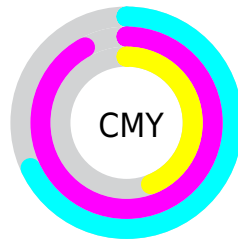
- Red (32%)
- Green (8%)
- Blue (56%)



- Red (32%)
- Yellow (8%)
- Blue (56%)



- Cyan (43%)
- Magenta (85%)
- Yellow (0%)
- Black (44%)



- Cyan (68%)
- Magenta (92%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.2610, 44.7343, 25.2041 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 53.2610, 44.7343, 25.2041 by changing the saturation by 10% instead.

■ 53.2610, 44.7343,
25.2041

■ 53.2610, 44.7343,
25.2041

■ 255.0000, 0.0000,
0.0000

■ 29.5980, 43.5822,
21.4006

■ 107.3860, 45.1657,
26.8485

■ 17.3650, 36.7951,
4.9419

■ 134.2120, 45.7445,
27.8781

■ 7.7520, 29.7023,
-6.7985

■ 161.0380, 46.3233,
28.9077

■ 6.7770, 18.3509,
-5.9434

■ 185.8570, 34.0875,
33.4514

■ 3.2090, 9.7570,
-2.8143


■ 210.3770, 21.9991,
37.3804


■ 0.0000, 0.0000,
0.0000

■ 227.9980, 13.3120,


23.6808


 244.4340, 5.2090,
9.2664


 53.2610, 44.7343,
25.2041


 53.2610, 44.7343,
25.2041


 42.9500, 49.8177,
28.1078


 63.5720, 39.6510,
22.3004

 37.6450, 52.4330,
29.2523

 74.7690, 34.1309,
19.4966

 85.0800, 29.0476,
16.5928

 95.9780, 23.6748,
13.1743

 106.2890, 18.5915,
10.2705

■ 116.8990, 13.3608,
7.9816

■ 127.7970, 7.9881,
4.5630

■ 138.1080, 2.9048,
1.6593

■ 149.0060, -2.4680,
-1.7593

Harmonies

Analogous

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



55.5290, 57.9132, -48.6989



53.2610, 44.7343, 25.2041



51.6790, 20.8643, 74.8265

Triad

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



53.2610, 44.7343, 25.2041



54.8420, -27.0371, 38.7266



55.1340, 13.2449, -48.3525

Complementary

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



53.2610, 44.7343, 25.2041



111.7390, -44.7343, -25.2041

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.



47.5930, -13.1103, -41.7391



53.2610, 44.7343, 25.2041



52.8170, -26.0388, -1.5935

Square

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



53.2610, 44.7343, 25.2041



39.7670, -19.6051, 81.7653



42.8510, -21.1255, -37.5803



61.7630, 36.1058, -54.1662

Rectangle

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



53.2610, 44.7343, 25.2041



51.0490, 2.9338, 85.9030



42.8510, -21.1255, -37.5803



52.8540, 4.5090, -46.3530

Sweetspot

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



53.2610, 44.7343, 25.2041



150.6480, 17.4285, 9.9557



72.5900, 35.2051, -45.2444



72.7910, 10.4560, 6.3223



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.



53.2610, 44.7343, 25.2041



48.7120, 67.6830, 37.9636



71.2010, 35.8899, 62.0907



65.9940, 2.4680, 1.7593



35.4230, 49.0915, 27.6930



2.1080, 2.9048, 1.6593

Inverse Universe

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



64.8450, 8.9504, 69.4189



66.3300, 13.6413, 104.9506



93.7990, -35.8899, -62.0907



66.5490, 0.7153, 3.9035



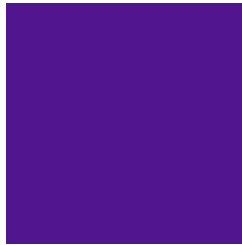
48.1170, 9.8023, 76.1964



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 53.2610, 44.7343, 25.2041 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 53.2610, 44.7343, 25.2041 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 53.2610, 44.7343, 25.2041

Background



This preview shows how black text looks on a background with the YUV color 53.2610, 44.7343, 25.2041.



This preview shows how white text looks on a background with the YUV color 53.2610, 44.7343,

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

53.2610, 44.7343, 25.2041

Protanopia

47.9540, 36.5047, -42.0557

Deuteranopia

48.3640, 27.9215, -42.4152



Tritanopia

60.6520, 1.1576, 2.0592

Trichromacy



Original Color

53.2610, 44.7343, 25.2041

Protanomaly

50.2050, 39.3389, -17.7198

Deuteranomaly

50.1250, 33.9554, -17.6496

Tritanomaly

57.8330, 16.8443, 10.6705

Monochromacy



Original Color

53.2610, 44.7343, 25.2041

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.0070, 16.2655, 9.6409

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.2610, 44.7343, 25.2041 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(82, 21, 144)` looks like.

```
.text, #text, p{  
    color:rgb(82, 21, 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(82, 21, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 21, 144) }
```

Border

The CSS property to change the border of an element to YUV 53.2610, 44.7343, 25.2041 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(82, 21, 144) }
```


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

```
.border{ border-color:rgb(82, 21, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 21, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 21, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 21, 144);  
box-shadow:4px 4px 4px 4px rgb(82, 21,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 53.2610, 44.7343, 25.2041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 21, 144) }
```

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

```
.background{ background-color: rgb(82, 21,  
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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