

Converting Colors

YUV(59.7190, 53.3825, 4.6314)

Have a look what the booklet for
YUV(59.7190, 53.3825, 4.6314)
contains.

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Color

**YUV(59.7190, 53.3825,
4.6314)**

Conversions

Conversions Part 1

Format	Color
Hex	4124A8
RGB	65, 36, 168
RGB Percent	25%, 14%, 66%
CMY	0.7451, 0.8588, 0.3412
CMYK	0.61, 0.79, 0.00, 0.34
HSL	253°, 65%, 40%
HSV	253°, 79%, 66%
XYZ	9.8787, 5.2127, 37.5313
YIQ	59.7190, -25.0880, 47.2000

Conversions

Conversions Part 2

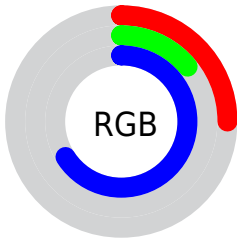
Format	Color
R _Y B	65, 36, 168
Decimal	4269224
CIE Lab	27.33, 48.31, -65.52
CIE LCh	27, 81.402, 306.401
Yxy	5.2127, 0.1877, 0.0991
Android (android.graphics.Color)	4282459304 (0xFF4124A8)
YUV	59.7190, 53.3825, 4.6314
Hunter-Lab	22.8314, 37.2788, -81.4816

Details

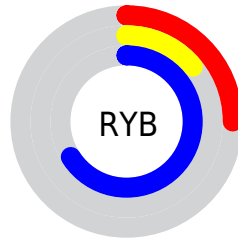
The YUV color **59.7190, 53.3825, 4.6314** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **144.2810, -53.3825, -4.6314**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.8060, 54.8186, 10.6941**, and **13.1100, 50.2318, -11.4975** is the 20% darker color. If you saturate the color by 10%, you get **45.8530, 60.2185, 5.3909**, and if you desaturate by 10%, it is **73.5850, 46.5466, 3.8720**.

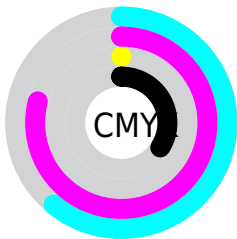
Distribution



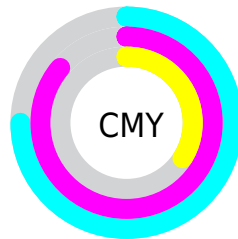
- Red (25%)
- Green (14%)
- Blue (66%)



- Red (25%)
- Yellow (14%)
- Blue (66%)



- Cyan (61%)
- Magenta (79%)
- Yellow (0%)
- Black (34%)



- Cyan (75%)
- Magenta (86%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.7190, 53.3825, 4.6314 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 59.7190, 53.3825, 4.6314 by changing the saturation by 10% instead.

■ 59.7190, 53.3825,
4.6314

■ 59.7190, 53.3825,
4.6314

■ 255.0000, 0.0000,
0.0000

■ 30.3160, 54.5672,
-2.0311

■ 112.8060, 54.8186,
10.6941

■ 13.1100, 50.2318,
-11.4975

■ 139.4580, 55.9762,
12.7533

■ 10.1460, 38.8750,
-8.8980

■ 164.2060, 44.7614,
16.4823

■ 11.5190, 26.3661,
-10.1022

■ 188.4380, 32.8151,
21.5409

■ 6.5490, 17.4773,
-5.7435

■ 213.8440, 20.2899,
25.5698

■ 2.8670, 8.4466,
-2.5144

■ 233.8680, 10.4181,

■ 0.0000, 0.0000,

18.5328

0.0000

250.8910, 2.0257,
3.6036

59.7190, 53.3825,
4.6314

59.7190, 53.3825,
4.6314

45.8530, 60.2185,
5.3909

73.5850, 46.5466,
3.8720

31.9870, 67.0544,
6.1504

87.4510, 39.7107,
3.1125

30.2150, 67.9280,
5.9504

100.7300, 33.1641,
2.8678

114.5960, 26.3282,
2.1083

128.7610, 19.3448,
1.9636

■ 142.6270, 12.5089,
1.2041

■ 156.4930, 5.6730,
0.4446

■ 169.7720, -0.8736,
0.2000

■ 183.6380, -7.7095,
-0.5595

Harmonies

Analogous

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



63.6790, 63.7553, -55.8465



59.7190, 53.3825, 4.6314



55.9810, 29.5894, 76.3157

Triad

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



59.7190, 53.3825, 4.6314



58.1750, -28.6803, 52.4665



59.2600, 8.7458, -51.9710

Complementary

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



59.7190, 53.3825, 4.6314



144.2810, -53.3825, -4.6314

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.



49.5360, -23.4352, -43.4431



59.7190, 53.3825, 4.6314



59.6610, -29.4129, 7.3133

Square

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



59.7190, 53.3825, 4.6314



45.4480, -22.4059, 93.4461



46.3730, -22.8619, -40.6691



66.9150, 35.5379, -58.6845

Rectangle

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



59.7190, 53.3825, 4.6314



56.9880, 8.8799, 92.0955



46.3730, -22.8619, -40.6691



56.1650, -0.5743, -49.2567

Sweetspot

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



59.7190, 53.3825, 4.6314



176.2170, 21.0920, 1.5637



111.5090, 27.8501, -66.2214



83.7410, 12.9457, 1.1041



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



59.7190, 53.3825, 4.6314



49.9390, 83.3471, 7.0695



79.4530, 43.6537, 45.2067



77.5100, 3.1996, 0.4297



26.4400, 59.9291, 4.8761



3.4760, 8.1463, 0.4595

Inverse Universe

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



87.2100, 25.5325, 70.8528



92.9480, 39.9586, 110.5476



124.5470, -43.6537, -45.2067



79.0760, 1.4415, 4.3183



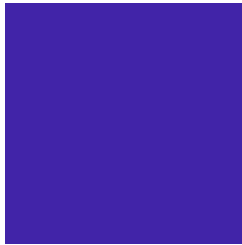
57.3620, 28.4155, 79.4895



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 59.7190, 53.3825, 4.6314 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 59.7190, 53.3825, 4.6314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

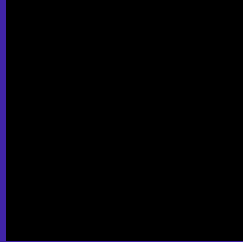
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.7190, 53.3825, 4.6314

Background



This preview shows how black text looks on a background with the YUV color 59.7190, 53.3825, 4.6314.



This preview shows how white text looks on a background with the YUV color 59.7190, 53.3825,

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

59.7190, 53.3825, 4.6314

Protanopia

52.0290, 39.4257, -45.6294

Deuteranopia

52.2110, 29.9690, -45.7890



Tritanopia

55.3420, 11.1704, -36.2569

Trichromacy



Original Color

59.7190, 53.3825, 4.6314

Protanomaly

54.8170, 44.4602, -27.0265

Deuteranomaly

55.2100, 38.3505, -27.3712

Tritanomaly

57.1540, 26.5461, -21.1831

Monochromacy



Original Color

59.7190, 53.3825, 4.6314

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.7610, 19.3448, 1.9636

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.7190, 53.3825, 4.6314 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, 36, 168)` looks like.

```
.text, #text, p{  
    color:rgb(65, 36, 168)  
}
```

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, 36, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 36, 168) }
```

Border

The CSS property to change the border of an element to YUV 59.7190, 53.3825, 4.6314 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, 36, 168) }
```


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

```
.border{ border-color:rgb(65, 36, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 36, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 36, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 36, 168);  
box-shadow:4px 4px 4px 4px rgb(65, 36,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 59.7190, 53.3825, 4.6314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 36, 168) }
```

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

```
.background{ background-color: rgb(65, 36,  
168) }
```

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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