

Converting Colors

YUV(64.9210, 16.8009, 24.6253)

Have a look what the booklet for
YUV(64.9210, 16.8009, 24.6253)
contains.

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Color

**YUV(64.9210, 16.8009,
24.6253)**

Conversions

Conversions Part 1

Format	Color
Hex	5D2C63
RGB	93, 44, 99
RGB Percent	36%, 17%, 39%
CMY	0.6353, 0.8275, 0.6118
CMYK	0.06, 0.56, 0.00, 0.61
HSL	293°, 38%, 28%
HSV	293°, 56%, 39%
XYZ	7.6670, 5.0294, 12.3710
YIQ	64.9210, 11.5490, 27.4930

Conversions

Conversions Part 2

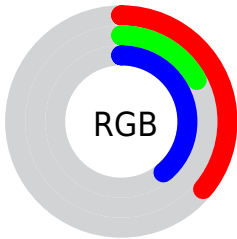
Format	Color
RYB	93, 44, 99
Decimal	6106211
CIELab	26.82, 31.48, -23.04
CIElCh	27, 39.011, 323.794
Yxy	5.0294, 0.3059, 0.2006
Android (android.graphics.Color)	4284296291 (0xFF5D2C63)
YUV	64.9210, 16.8009, 24.6253
Hunter-Lab	22.4263, 21.7790, -17.0079

Details

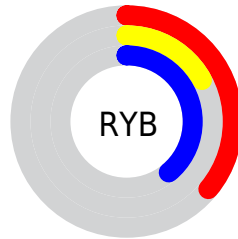
The YUV color **64.9210, 16.8009, 24.6253** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **78.0790, -16.8009, -24.6253**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.4590, 17.5217, 26.7845**, and **19.3830, 16.0802, 22.4661** is the 20% darker color. If you saturate the color by 10%, you get **58.7520, 19.8423, 29.1585**, and if you desaturate by 10%, it is **71.0900, 13.7596, 20.0921**.

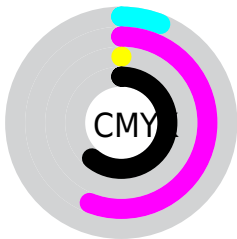
Distribution



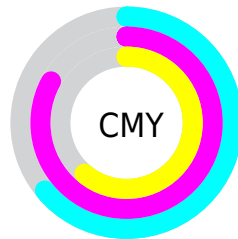
- Red (36%)
- Green (17%)
- Blue (39%)



- Red (36%)
- Yellow (17%)
- Blue (39%)



- Cyan (6%)
- Magenta (56%)
- Yellow (0%)
- Black (61%)



- Cyan (64%)
- Magenta (83%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.9210, 16.8009, 24.6253 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 64.9210, 16.8009, 24.6253 by changing the saturation by 10% instead.

64.9210, 16.8009,
24.6253

64.9210, 16.8009,
24.6253

255.0000, 0.0000,
0.0000

40.6220, 16.9484,
24.0105

114.4590, 17.5217,
26.7845

19.3830, 16.0802,
22.4661

140.2850, 18.1005,
27.8141

10.1120, 10.2978,
10.4258

166.9970, 18.2425,
28.9436

0.1140, 0.4368,
-0.1000

194.5240, 18.9687,
29.3585

0.0000, 0.0000,
0.0000

221.5410, 16.4953,
29.3435

237.9770, 8.3923,

14.9292

■ 64.9210, 16.8009,
24.6253

■ 64.9210, 16.8009,
24.6253

■ 58.7520, 19.8423,
29.1585

■ 71.0900, 13.7596,
20.0921

■ 52.5830, 22.8836,
33.6917

■ 77.2590, 10.7183,
15.5589

■ 46.4140, 25.9249,
38.2249

■ 83.4280, 7.6770,
11.0256

■ 40.2450, 28.9662,
42.7581

■ 89.5970, 4.6357,
6.4924

■ 37.5980, 30.2712,
44.2026

■ 95.7660, 1.5944,
1.9592

■ 101.3480, -1.1576,
-2.0592

■ 107.8160, -4.3463,
-5.9776

■ 113.9850, -7.3876,
-10.5108

■ 120.1540,
-10.4289, -15.0441

Harmonies

Analogous

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



62.4480, 27.3871, -10.9169



64.9210, 16.8009, 24.6253



61.2520, 4.8058, 45.3830

Triad

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



64.9210, 16.8009, 24.6253



60.0370, -29.5982, 20.1386



55.1170, 15.7183, -48.3376

Complementary

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



64.9210, 16.8009, 24.6253



78.0790, -16.8009, -24.6253

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.



51.5830, 2.1776, -45.2383



64.9210, 16.8009, 24.6253



56.9480, -28.0754, -1.7084

Square

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



64.9210, 16.8009, 24.6253



60.2810, -22.8165, 38.3416



48.4950, -11.0900, -36.3911



56.6790, 26.7803, -49.7075

Rectangle

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



64.9210, 16.8009, 24.6253



59.2820, -4.0830, 49.7417



48.4950, -11.0900, -36.3911



53.9770, 11.3503, -47.3378

Sweetspot

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



64.9210, 16.8009, 24.6253



114.1890, 6.8088, 9.4812



53.7920, 22.2875, -8.5876



55.7710, 4.0569, 5.4628



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



64.9210, 16.8009, 24.6253



74.5280, 26.3617, 38.1249



64.3210, 6.7437, 30.4135



45.6520, 1.1576, 2.0592



42.6680, 34.1807, 50.2802



91.3460, 73.2864, 107.5676

Inverse Universe

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



61.1290, -5.4866, 33.2129



68.7400, -8.7458, 51.9710



78.6790, -6.7437, -30.4135



45.1960, -0.5896, 2.4591



34.8560, -11.2680, 67.6553



74.7240, -24.0209, 144.9471

Previews

White Background



This preview shows how the YUV color 64.9210, 16.8009, 24.6253 looks on a white background.

Color Contrast Check

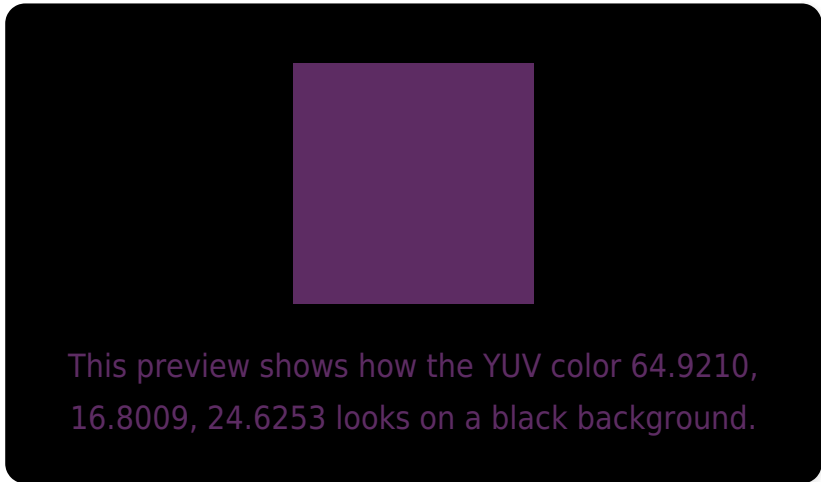
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 64.9210, 16.8009, 24.6253

Background



This preview shows how black text looks on a background with the YUV color 64.9210, 16.8009, 24.6253.



This preview shows how white text looks on a background with the YUV color 64.9210, 16.8009,

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

64.9210, 16.8009, 24.6253

Protanopia

60.9800, 27.1249, -20.1535

Deuteranopia

63.3480, 15.6044, -11.7062



Tritanopia

65.3230, -3.1172, 19.8877

Trichromacy



Original Color

64.9210, 16.8009, 24.6253

Protanomaly

62.1670, 23.5817, -3.6545

Deuteranomaly

64.1370, 15.7085, 1.6339

Tritanomaly

65.2830, 4.2975, 21.6768

Monochromacy



Original Color

64.9210, 16.8009, 24.6253

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.6620, 6.0826, 9.0664

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.9210, 16.8009, 24.6253 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(93, 44, 99)` looks like.

```
.text, #text, p{  
    color:rgb(93, 44, 99)  
}
```

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(93, 44, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 44, 99) }
```

Border

The CSS property to change the border of an element to YUV 64.9210, 16.8009, 24.6253 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(93, 44, 99) }
```


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

```
.border{ border-color:rgb(93, 44, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 44, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 44, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 44, 99);  
box-shadow:4px 4px 4px 4px rgb(93, 44, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.9210, 16.8009, 24.6253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 44, 99) }
```

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

```
.background{ background-color: rgb(93, 44,  
99) }
```

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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