

Converting Colors

YUV(63.1410, 26.5525, 23.5553)

Have a look what the booklet for
YUV(63.1410, 26.5525, 23.5553)
contains.

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Color

**YUV(63.1410, 26.5525,
23.5553)**

Conversions

Conversions Part 1

Format	Color
Hex	5A2775
RGB	90, 39, 117
RGB Percent	35%, 15%, 46%
CMY	0.6471, 0.8471, 0.5412
CMYK	0.23, 0.67, 0.00, 0.54
HSL	279°, 50%, 31%
HSV	279°, 67%, 46%
XYZ	8.1529, 4.9091, 17.3475
YIQ	63.1410, 5.3580, 35.0700

Conversions

Conversions Part 2

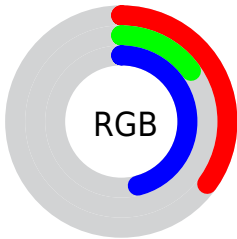
Format	Color
R_{YB}	90, 39, 117
Decimal	5908341
CIE _{Lab}	26.47, 37.43, -35.19
CIE _{LCh}	26, 51.377, 316.766
Yxy	4.9091, 0.2681, 0.1614
Android (android.graphics.Color)	4284098421 (0xFF5A2775)
YUV	63.1410, 26.5525, 23.5553
Hunter-Lab	22.1564, 26.9087, -30.9120

Details

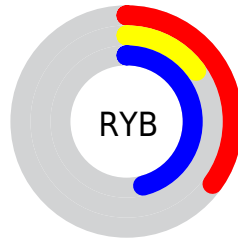
The YUV color **63.1410, 26.5525, 23.5553** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **92.8590, -26.5525, -23.5553**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.7930, 27.7101, 25.6145**, and **19.7120, 23.8060, 17.7926** is the 20% darker color. If you saturate the color by 10%, you get **54.9010, 30.6148, 27.2738**, and if you desaturate by 10%, it is **71.3810, 22.4902, 19.8369**.

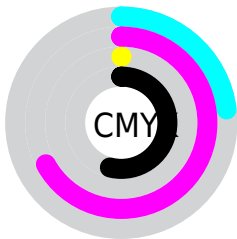
Distribution



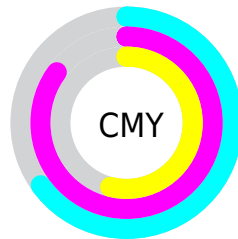
- Red (35%)
- Green (15%)
- Blue (46%)



- Red (35%)
- Yellow (15%)
- Blue (46%)



- Cyan (23%)
- Magenta (67%)
- Yellow (0%)
- Black (54%)



- Cyan (65%)
- Magenta (85%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.1410, 26.5525, 23.5553 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 63.1410, 26.5525, 23.5553 by changing the saturation by 10% instead.

63.1410, 26.5525,
23.5553

63.1410, 26.5525,
23.5553

255.0000, 0.0000,
0.0000

38.1410, 26.5525,
23.5553

113.7930, 27.7101,
25.6145

19.7120, 23.8060,
17.7926

139.6190, 28.2888,
26.6441

9.9140, 17.2974,
5.3374

166.4450, 28.8676,
27.6737

3.2090, 9.7570,
-2.8143

193.9720, 29.5938,
28.0886

0.0000, 0.0000,
0.0000

219.1930, 17.6529,
31.4027

235.6290, 9.5499,

16.9884

252.6520, 1.1576,
2.0592

63.1410, 26.5525,
23.5553

63.1410, 26.5525,
23.5553

54.9010, 30.6148,
27.2738

71.3810, 22.4902,
19.8369

47.2480, 34.3877,
30.4775

79.0340, 18.7172,
16.6332

39.0080, 38.4501,
34.1960

87.2740, 14.6549,
12.9147

36.3610, 39.7550,
35.6404

95.5140, 10.5926,
9.1962

103.7540, 6.5303,
5.4777

■ 111.4070, 2.7573,
2.2741

■ 119.6470, -1.3050,
-1.4444

■ 127.8870, -5.3673,
-5.1629

■ 135.5400, -9.1402,
-8.3666

Harmonies

Analogous

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



51.0660, 43.3515, -44.7849



63.1410, 26.5525, 23.5553



49.9350, 15.8080, 63.2010

Triad

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



63.1410, 26.5525, 23.5553



59.7930, -29.4779, 28.2455



55.9490, 13.8291, -49.0673

Complementary

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



63.1410, 26.5525, 23.5553



92.8590, -26.5525, -23.5553

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.



50.6880, -3.7902, -44.4534



63.1410, 26.5525, 23.5553



57.2580, -28.2282, 0.6507

Square

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



63.1410, 26.5525, 23.5553



55.1690, -26.2123, 54.2258



44.0250, -21.7043, -38.6099



59.4660, 29.8433, -52.1517

Rectangle

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



63.1410, 26.5525, 23.5553



44.9550, 5.4452, 73.7075



44.0250, -21.7043, -38.6099



54.4670, 8.1508, -47.7676

Sweetspot

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



63.1410, 26.5525, 23.5553



131.5140, 10.5926, 9.1962



63.7410, 26.2567, -21.6979



63.7540, 6.5303, 5.4777



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



63.1410, 26.5525, 23.5553



68.8280, 41.4968, 36.9848



69.8460, 17.3309, 41.3541



54.8800, 2.0312, 1.8592



37.8280, 41.4968, 36.9848



77.2370, 85.1722, 75.2142

Inverse Universe

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



65.4000, 0.2958, 45.2532



72.2660, 0.3619, 70.8037



86.1540, -17.3309, -41.3541



55.0220, -0.0108, 3.4887



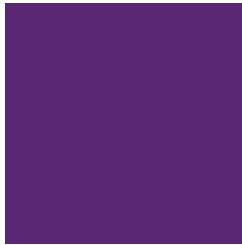
41.2660, 0.3619, 70.8037



84.6680, 1.1497, 144.9962

Previews

White Background



This preview shows how the YUV color 63.1410, 26.5525, 23.5553 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 63.1410, 26.5525, 23.5553 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 63.1410, 26.5525, 23.5553

Background



This preview shows how black text looks on a background with the YUV color 63.1410, 26.5525, 23.5553.



This preview shows how white text looks on a background with the YUV color 63.1410, 26.5525,

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

63.1410, 26.5525, 23.5553

Protanopia

50.6270, 39.1309, -44.3999

Deuteranopia

56.0170, 27.5996, -32.4639



Tritanopia

64.6320, -1.7906, 14.3547

Trichromacy



Original Color

63.1410, 26.5525, 23.5553

Protanomaly

55.2280, 34.3976, -19.4940

Deuteranomaly

58.7360, 27.2452, -12.0465

Tritanomaly

63.7000, 8.5289, 17.8031

Monochromacy



Original Color

63.1410, 26.5525, 23.5553

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9870, 9.8664, 8.7814

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.1410, 26.5525, 23.5553 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(90, 39, 117)` looks like.

```
.text, #text, p{  
    color:rgb(90, 39, 117)  
}
```

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(90, 39, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 39, 117) }
```

Border

The CSS property to change the border of an element to YUV 63.1410, 26.5525, 23.5553 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(90, 39, 117) }
```


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

```
.border{ border-color:rgb(90, 39, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 39, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 39, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 39, 117);  
box-shadow:4px 4px 4px 4px rgb(90, 39,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 63.1410, 26.5525, 23.5553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 39, 117) }
```

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

```
.background{ background-color: rgb(90, 39,  
117) }
```

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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