

Converting Colors

YUV(60.2200, 16.6535, 25.2401)

Have a look what the booklet for
YUV(60.2200, 16.6535, 25.2401)
contains.

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Color

**YUV(60.2200, 16.6535,
25.2401)**

Conversions

Conversions Part 1

Format	Color
Hex	59275E
RGB	89, 39, 94
RGB Percent	35%, 15%, 37%
CMY	0.6510, 0.8471, 0.6314
CMYK	0.05, 0.59, 0.00, 0.63
HSL	295°, 41%, 26%
HSV	295°, 59%, 37%
XYZ	6.8657, 4.3830, 11.0738
YIQ	60.2200, 12.1450, 27.7050

Conversions

Conversions Part 2

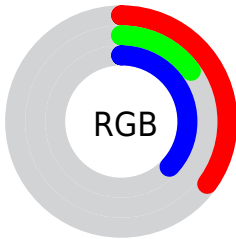
Format	Color
R_{YB}	89, 39, 94
Decimal	5842782
CIE _{Lab}	24.90, 31.94, -22.84
CIE _{LCh}	25, 39.269, 324.435
Yxy	4.3830, 0.3076, 0.1963
Android (android.graphics.Color)	4284032862 (0xFF59275E)
YUV	60.2200, 16.6535, 25.2401
Hunter-Lab	20.9357, 21.9004, -16.7061

Details

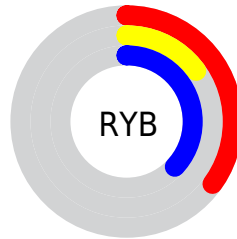
The YUV color **60.2200, 16.6535, 25.2401** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **72.7800, -16.6535, -25.2401**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.7580, 17.3743, 27.3992**, and **17.7310, 14.9226, 20.4069** is the 20% darker color. If you saturate the color by 10%, you get **54.6380, 19.4055, 29.2585**, and if you desaturate by 10%, it is **65.8020, 13.9016, 21.2216**.

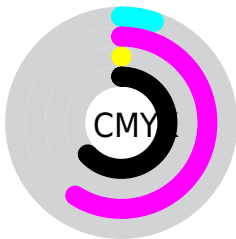
Distribution



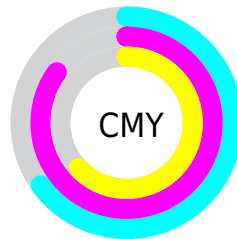
- Red (35%)
- Green (15%)
- Blue (37%)



- Red (35%)
- Yellow (15%)
- Blue (37%)



- Cyan (5%)
- Magenta (59%)
- Yellow (0%)
- Black (63%)



- Cyan (65%)
- Magenta (85%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.2200, 16.6535, 25.2401 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 60.2200, 16.6535, 25.2401 by changing the saturation by 10% instead.

60.2200, 16.6535,
25.2401

60.2200, 16.6535,
25.2401

255.0000, 0.0000,
0.0000

35.9210, 16.8009,
24.6253

109.7580, 17.3743,
27.3992

17.7310, 14.9226,
20.4069

135.4700, 17.5163,
28.5288

5.9540, 9.8827,
3.5483

161.9970, 18.2425,
28.9436

0.0000, 0.0000,
0.0000

189.7090, 18.3845,
30.0732

217.4210, 18.5264,
31.2028

234.4550, 10.1287,

18.0180

251.4780, 1.7363,
3.0888

60.2200, 16.6535,
25.2401

60.2200, 16.6535,
25.2401

54.6380, 19.4055,
29.2585

65.8020, 13.9016,
21.2216

48.4690, 22.4468,
33.7917

71.9710, 10.8603,
16.6884

42.8870, 25.1987,
37.8101

77.5530, 8.1084,
12.6700

37.0170, 28.0926,
42.9581

83.4230, 5.2145,
7.5220

36.1310, 28.5294,
42.8581

89.0050, 2.4625,
3.5036

■ 94.5870, -0.2894,
-0.5148

■ 100.7560, -3.3307,
-5.0480

■ 106.3380, -6.0826,
-9.0664

■ 112.5070, -9.1240,
-13.5996

Harmonies

Analogous

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



58.4480, 27.3871, -10.9169



60.2200, 16.6535, 25.2401



55.6650, 5.0952, 45.8978

Triad

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



60.2200, 16.6535, 25.2401



56.1940, -27.7036, 19.1239



51.7260, 15.4181, -45.3637

Complementary

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



60.2200, 16.6535, 25.2401



72.7800, -16.6535, -25.2401

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.



48.1920, 1.8773, -42.2644



60.2200, 16.6535, 25.2401



52.8060, -26.0334, -3.3379

Square

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



60.2200, 16.6535, 25.2401



55.4550, -23.3953, 37.3120



43.5980, -10.6478, -38.2354



53.2880, 26.4800, -46.7336

Rectangle

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



60.2200, 16.6535, 25.2401



54.2820, -4.0830, 49.7417



43.5980, -10.6478, -38.2354



50.5860, 11.0501, -44.3639

Sweetspot

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



60.2200, 16.6535, 25.2401



108.4880, 6.6614, 10.0960



48.2050, 22.5769, -8.0728



53.0700, 3.9095, 6.0776



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



60.2200, 16.6535, 25.2401



70.0120, 25.6301, 39.4545



59.2070, 6.3069, 30.5135



42.7660, 1.5944, 1.9592



42.4400, 33.3071, 50.4801



91.6020, 71.6812, 109.0970

Inverse Universe

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



56.0150, -5.9234, 33.3128



63.3270, -9.0352, 51.4562



73.7930, -6.3069, -30.5135



42.6090, -0.3002, 2.9739



34.0300, -11.8468, 66.6257



73.3710, -25.3259, 143.5026

Previews

White Background



This preview shows how the YUV color 60.2200, 16.6535, 25.2401 looks on a white background.

Color Contrast Check

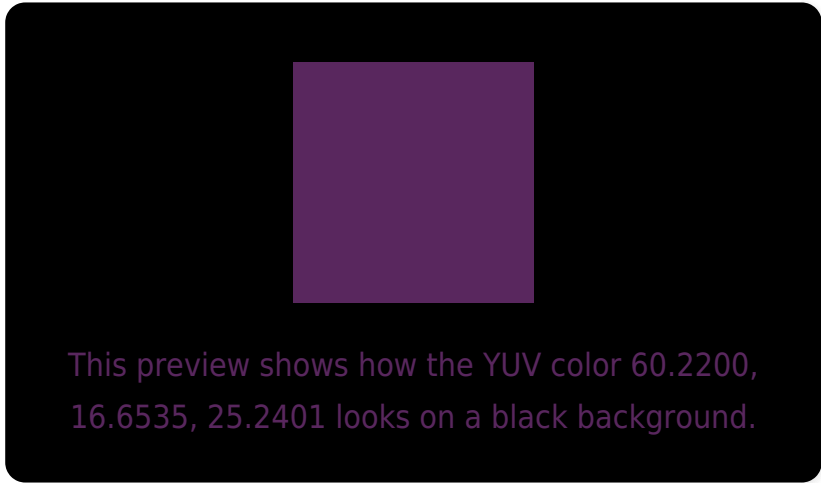
Large Text (above 18pt) WCAG AA ✓ Pass

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 60.2200, 16.6535, 25.2401 Background



This preview shows how black text looks on a background with the YUV color 60.2200, 16.6535, 25.2401.



This preview shows how white text looks on a background with the YUV color 60.2200, 16.6535,

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

60.2200, 16.6535, 25.2401

Protanopia

56.3820, 27.4197, -21.3830

Deuteranopia

59.2340, 15.1676, -11.6062



Tritanopia

60.6220, -3.2646, 20.5025

Trichromacy



Original Color

60.2200, 16.6535, 25.2401

Protanomaly

57.7540, 23.2923, -4.1693

Deuteranomaly

59.4360, 15.5611, 2.2486

Tritanomaly

60.5820, 4.1501, 22.2916

Monochromacy



Original Color

60.2200, 16.6535, 25.2401

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.9610, 5.9352, 9.6812

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.2200, 16.6535, 25.2401 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(89, 39, 94)` looks like.

```
.text, #text, p{  
    color:rgb(89, 39, 94)  
}
```

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(89, 39, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 39, 94) }
```

Border

The CSS property to change the border of an element to YUV 60.2200, 16.6535, 25.2401 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(89, 39, 94) }
```


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

```
.border{ border-color:rgb(89, 39, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 39, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 39, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 39, 94);  
box-shadow:4px 4px 4px 4px rgb(89, 39, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 60.2200, 16.6535, 25.2401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 39, 94) }
```

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

```
.background{ background-color: rgb(89, 39,  
94) }
```

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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