

Converting Colors

YUV(59.6570, 27.2841, 22.2258)

Have a look what the booklet for
YUV(59.6570, 27.2841, 22.2258)
contains.

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Color

**YUV(59.6570, 27.2841,
22.2258)**

Conversions

Conversions Part 1

Format	Color
Hex	552473
RGB	85, 36, 115
RGB Percent	33%, 14%, 45%
CMY	0.6667, 0.8588, 0.5490
CMYK	0.26, 0.69, 0.00, 0.55
HSL	277°, 52%, 30%
HSV	277°, 69%, 45%
XYZ	7.4717, 4.4309, 16.6811
YIQ	59.6570, 3.8450, 34.9570

Conversions

Conversions Part 2

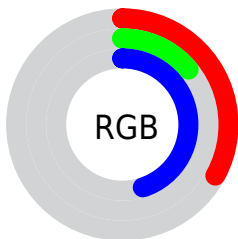
Format	Color
R_{YB}	85, 36, 115
Decimal	5579891
CIE _{Lab}	25.05, 37.26, -36.25
CIE _{LCh}	25, 51.981, 315.791
Yxy	4.4309, 0.2614, 0.1550
Android (android.graphics.Color)	4283769971 (0xFF552473)
YUV	59.6570, 27.2841, 22.2258
Hunter-Lab	21.0496, 26.5231, -32.2506

Details

The YUV color **59.6570, 27.2841, 22.2258** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **91.3430, -27.2841, -22.2258**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.4230, 28.8785, 24.1850**, and **17.9890, 23.6694, 14.9186** is the 20% darker color. If you saturate the color by 10%, you get **51.4170, 31.3464, 25.9443**, and if you desaturate by 10%, it is **67.3100, 23.5112, 19.0221**.

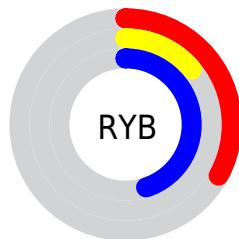
Distribution



Red (33%)

Green (14%)

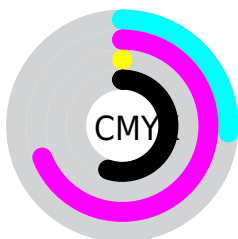
Blue (45%)



Red (33%)

Yellow (14%)

Blue (45%)

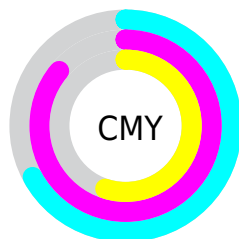


Cyan (26%)

Magenta (69%)

Yellow (0%)

Black (55%)



Cyan (67%)

Magenta (86%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.6570, 27.2841, 22.2258 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 59.6570, 27.2841, 22.2258 by changing the saturation by 10% instead.

■ 59.6570, 27.2841,
22.2258

■ 59.6570, 27.2841,
22.2258

■ 255.0000, 0.0000,
0.0000

■ 34.0700, 27.5735,
22.7406

■ 109.4230, 28.8785,
24.1850

■ 17.9890, 23.6694,
14.9186

■ 136.1350, 29.0204,
25.3146

■ 6.0980, 18.1927,
-1.8399

■ 162.6620, 29.7466,
25.7294

■ 2.9810, 8.8834,
-2.6143

■ 189.9010, 30.6148,
27.2738

■ 0.0000, 0.0000,
0.0000

■ 215.3500, 19.5475,
30.3881

■ 233.2810, 10.7075,

19.0476

250.3040, 2.3151,
4.1184

59.6570, 27.2841,
22.2258

59.6570, 27.2841,
22.2258

51.4170, 31.3464,
25.9443

67.3100, 23.5112,
19.0221

43.4650, 35.2668,
28.5332

75.8490, 19.3014,
15.9184

35.2250, 39.3291,
32.2517

84.0890, 15.2391,
12.1999

34.3390, 39.7659,
32.1517

91.7420, 11.4662,
8.9963

100.2810, 7.2565,
5.8926

■ 107.9340, 3.4835,
2.6889

■ 116.4730, -0.7262,
-0.4148

■ 124.1260, -4.4991,
-3.6185

■ 131.7790, -8.2720,
-6.8222

Harmonies

Analogous

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



49.5500, 42.6198, -43.4553



59.6570, 27.2841, 22.2258



44.4020, 17.5498, 64.5454

Triad

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



59.6570, 27.2841, 22.2258



56.5480, -27.8782, 28.4604



53.7320, 12.9501, -47.1230

Complementary

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



59.6570, 27.2841, 22.2258



91.3430, -27.2841, -22.2258

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.



47.8840, -4.3798, -41.9943



59.6570, 27.2841, 22.2258



54.0130, -26.6284, 0.8656

Square

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



59.6570, 27.2841, 22.2258



50.5220, -24.9073, 55.6702



41.6770, -20.5468, -36.5507



57.2490, 28.9642, -50.2074

Rectangle

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



59.6570, 27.2841, 22.2258



43.8300, 5.0138, 72.0631



41.6770, -20.5468, -36.5507



51.5490, 7.1243, -45.2085

Sweetspot

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



59.6570, 27.2841, 22.2258



128.2150, 10.7400, 8.5814



62.6160, 25.8253, -23.3422



62.8680, 6.9671, 5.3778



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.



59.6570, 27.2841, 22.2258



64.0450, 42.3758, 35.0405



67.6010, 18.9307, 41.5689



54.5810, 2.1786, 1.2445



36.6320, 42.0864, 34.5257



74.8450, 86.3514, 70.2959

Inverse Universe

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



63.0410, 1.4588, 45.5680



69.1350, 2.3984, 70.9186



83.3990, -18.9307, -41.5689



55.0220, -0.0108, 3.4887



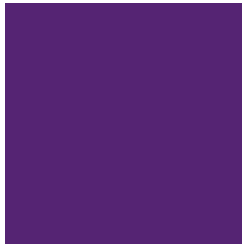
41.7220, 2.1091, 70.4038



85.5800, 4.6441, 144.1963

Previews

White Background



This preview shows how the YUV color 59.6570, 27.2841, 22.2258 looks on a white background.

Color Contrast Check

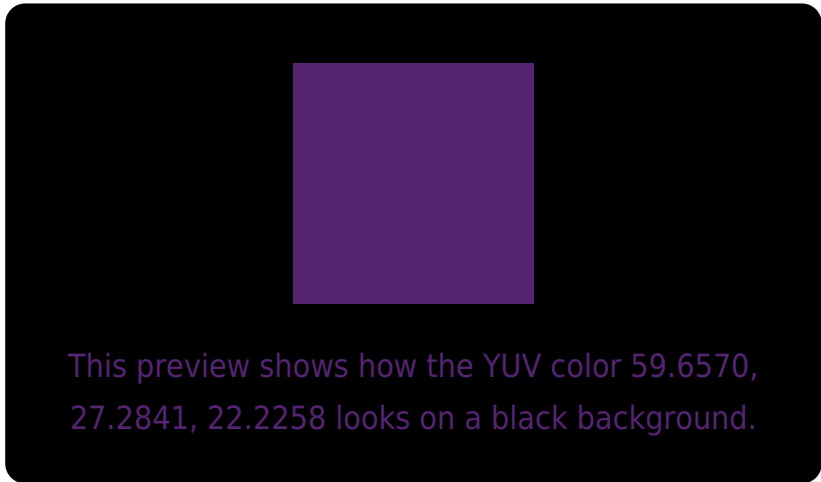
Large Text (above 18pt) WCAG AA ✓ Pass

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

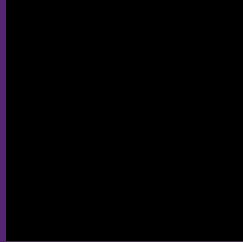
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.6570, 27.2841, 22.2258

Background



This preview shows how black text looks on a background with the YUV color 59.6570, 27.2841, 22.2258.



This preview shows how white text looks on a background with the YUV color 59.6570, 27.2841,

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

59.6570, 27.2841, 22.2258

Protanopia

48.0680, 36.9415, -42.1556

Deuteranopia

48.2330, 29.9581, -42.3003



Tritanopia

61.1480, -1.0590, 13.0252

Trichromacy



Original Color

59.6570, 27.2841, 22.2258

Protanomaly

52.2990, 33.3766, -18.6792

Deuteranomaly

52.4470, 28.8666, -18.8090

Tritanomaly

60.2160, 9.2605, 16.4736

Monochromacy



Original Color

59.6570, 27.2841, 22.2258

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.6880, 10.0138, 8.1666

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.6570, 27.2841, 22.2258 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(85, 36, 115)` looks like.

```
.text, #text, p{  
    color:rgb(85, 36, 115)  
}
```

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(85, 36, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 36, 115) }
```

Border

The CSS property to change the border of an element to YUV 59.6570, 27.2841, 22.2258 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(85, 36, 115) }
```


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

```
.border{ border-color:rgb(85, 36, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 36, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 36, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 36, 115);  
box-shadow:4px 4px 4px 4px rgb(85, 36,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 59.6570, 27.2841, 22.2258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 36, 115) }
```

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

```
.background{ background-color: rgb(85, 36,  
115) }
```

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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