

Converting Colors

YUV(66.8660, 20.2791, 29.0585)

Have a look what the booklet for
YUV(66.8660, 20.2791, 29.0585)
contains.

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Color

**YUV(66.8660, 20.2791,
29.0585)**

Conversions

Conversions Part 1

Format	Color
Hex	642A6C
RGB	100, 42, 108
RGB Percent	39%, 16%, 42%
CMY	0.6078, 0.8353, 0.5765
CMYK	0.07, 0.61, 0.00, 0.58
HSL	293°, 44%, 29%
HSV	293°, 61%, 42%
XYZ	8.7903, 5.4480, 14.7756
YIQ	66.8660, 13.3820, 32.8220

Conversions

Conversions Part 2

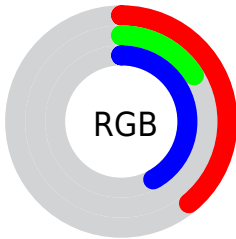
Format	Color
R_{YB}	100, 42, 108
Decimal	6564460
CIE _{Lab}	27.97, 36.57, -26.96
CIE _{LCh}	28, 45.429, 323.602
Yxy	5.4480, 0.3030, 0.1878
Android (android.graphics.Color)	4284754540 (0xFF642A6C)
YUV	66.8660, 20.2791, 29.0585
Hunter-Lab	23.3409, 26.3773, -21.1941

Details

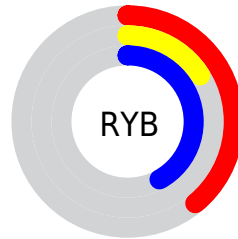
The YUV color **66.8660, 20.2791, 29.0585** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **83.1340, -20.2791, -29.0585**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.4040, 20.9998, 31.2177**, and **21.7900, 18.8375, 24.7402** is the 20% darker color. If you saturate the color by 10%, you get **60.1100, 23.6098, 34.1065**, and if you desaturate by 10%, it is **73.6220, 16.9484, 24.0105**.

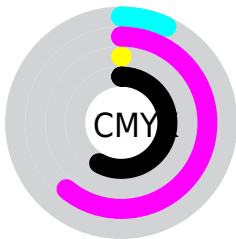
Distribution



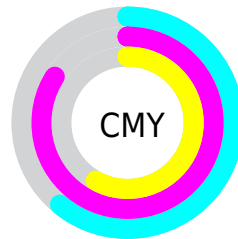
- Red (39%)
- Green (16%)
- Blue (42%)



- Red (39%)
- Yellow (16%)
- Blue (42%)



- Cyan (7%)
- Magenta (61%)
- Yellow (0%)
- Black (58%)



- Cyan (61%)
- Magenta (84%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.8660, 20.2791, 29.0585 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 66.8660, 20.2791, 29.0585 by changing the saturation by 10% instead.

■ 66.8660, 20.2791,
29.0585

■ 66.8660, 20.2791,
29.0585

■ 255.0000, 0.0000,
0.0000

■ 41.8660, 20.2791,
29.0585

■ 117.4040, 20.9998,
31.2177

■ 21.7900, 18.8375,
24.7402

■ 143.8170, 21.2892,
31.7325

■ 13.3020, 12.1761,
14.6441

■ 170.6430, 21.8680,
32.7621

■ 2.2970, 6.2626,
-2.0145

■ 198.3550, 22.0100,
33.8917

■ 0.0000, 0.0000,
0.0000

■ 220.9540, 16.7847,
29.8583

■ 237.9770, 8.3923,

14.9292

■ 66.8660, 20.2791,
29.0585

■ 66.8660, 20.2791,
29.0585

■ 60.1100, 23.6098,
34.1065

■ 73.6220, 16.9484,
24.0105

■ 53.0550, 27.0879,
38.5398

■ 80.6770, 13.4702,
19.5773

■ 46.8860, 30.1292,
43.0730

■ 86.8460, 10.4289,
15.0441

■ 40.7170, 33.1705,
47.6062

■ 93.6020, 7.0982,
9.9960

■ 100.6570, 3.6201,
5.5628

■ 107.4130, 0.2894,
0.5148

■ 114.1690, -3.0413,
-4.5332

■ 120.3380, -6.0826,
-9.0664

■ 127.3930, -9.5607,
-13.4997

Harmonies

Analogous

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



63.9080, 33.0764, -15.7053



66.8660, 20.2791, 29.0585



60.0020, 7.3940, 55.2492

Triad

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



66.8660, 20.2791, 29.0585



62.7060, -30.9141, 22.1828



58.1490, 17.1815, -50.9967

Complementary

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



66.8660, 20.2791, 29.0585



83.1340, -20.2791, -29.0585

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.



54.0450, 1.4568, -47.3975



66.8660, 20.2791, 29.0585



58.7090, -28.9435, -3.2528

Square

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



66.8660, 20.2791, 29.0585



61.1740, -27.2008, 44.5744



48.0660, -13.8365, -42.1539



60.2810, 30.4275, -52.8664

Rectangle

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



66.8660, 20.2791, 29.0585



58.5760, -3.2420, 60.0078



48.0660, -13.8365, -42.1539



56.7810, 11.9400, -49.7969

Sweetspot

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



66.8660, 20.2791, 29.0585



124.4280, 7.6770, 11.0256



54.8070, 26.2241, -11.2317



61.5970, 4.6357, 6.4924



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



66.8660, 20.2791, 29.0585



76.5380, 31.2868, 45.1322



66.5220, 8.6167, 36.3762



50.1790, 1.8838, 2.4740



44.1350, 35.9224, 51.6246



92.2150, 75.3230, 107.6824

Inverse Universe

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



62.6460, -6.2345, 39.7755



69.8660, -9.7939, 61.5075



83.4780, -8.6167, -36.3762



49.9080, -0.4476, 3.5887



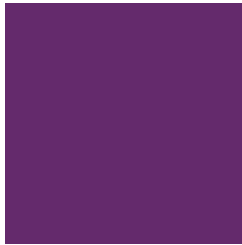
36.5790, -11.1314, 70.5292



76.6750, -23.0108, 147.6210

Previews

White Background



This preview shows how the YUV color 66.8660, 20.2791, 29.0585 looks on a white background.

Color Contrast Check

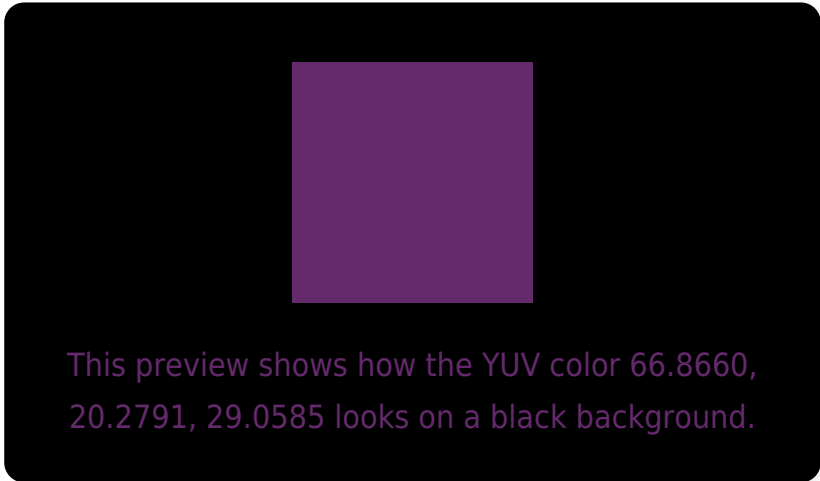
Large Text (above 18pt) WCAG AA ✓ Pass

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

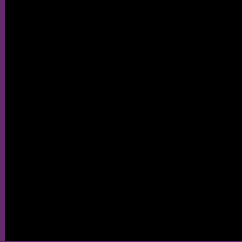
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.8660, 20.2791, 29.0585

Background



This preview shows how black text looks on a background with the YUV color 66.8660, 20.2791, 29.0585.



This preview shows how white text looks on a background with the YUV color 66.8660, 20.2791,

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

66.8660, 20.2791, 29.0585

Protanopia

61.3470, 33.8459, -29.2453

Deuteranopia

65.5370, 18.9623, -15.3799



Tritanopia

67.8180, -3.8543, 22.9616

Trichromacy



Original Color

66.8660, 20.2791, 29.0585

Protanomaly

63.5130, 28.8341, -8.3429

Deuteranomaly

66.0490, 19.2028, 0.8340

Tritanomaly

67.4190, 4.7234, 25.0655

Monochromacy



Original Color

66.8660, 20.2791, 29.0585

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0150, 7.3876, 10.5108

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.8660, 20.2791, 29.0585 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(100, 42, 108)` looks like.

```
.text, #text, p{  
    color:rgb(100, 42, 108)  
}
```

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(100, 42, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 42, 108) }
```

Border

The CSS property to change the border of an element to YUV 66.8660, 20.2791, 29.0585 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(100, 42, 108) }
```


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

```
.border{ border-color:rgb(100, 42, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 42, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 42, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 42, 108);  
box-shadow:4px 4px 4px 4px rgb(100, 42,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 66.8660, 20.2791, 29.0585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 42, 108) }
```

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

```
.background{ background-color: rgb(100, 42,  
108) }
```

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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