

Converting Colors

YUV(55.0740, 25.1065, 67.4641)

Have a look what the booklet for
YUV(55.0740, 25.1065, 67.4641)
contains.

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Color

**YUV(55.0740, 25.1065,
67.4641)**

Conversions

Conversions Part 1

Format	Color
Hex	84066A
RGB	132, 6, 106
RGB Percent	52%, 2%, 42%
CMY	0.4824, 0.9765, 0.5843
CMYK	0.00, 0.95, 0.20, 0.48
HSL	312°, 91%, 27%
HSV	312°, 95%, 52%
XYZ	12.1824, 6.0764, 14.1664
YIQ	55.0740, 42.9960, 57.8120

Conversions

Conversions Part 2

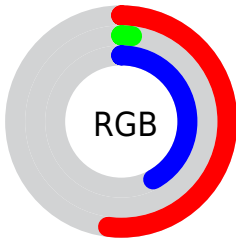
Format	Color
R_{YB}	132, 6, 106
Decimal	8652394
CIE _{Lab}	29.60, 55.53, -22.72
CIE _{LCh}	30, 59.993, 337.751
Yxy	6.0764, 0.3757, 0.1874
Android (android.graphics.Color)	4286842474 (0xFF84066A)
YUV	55.0740, 25.1065, 67.4641
Hunter-Lab	24.6503, 45.0778, -16.8185

Details

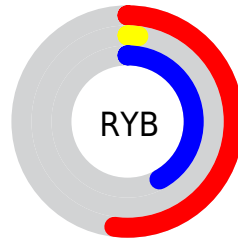
The YUV color **55.0740, 25.1065, 67.4641** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **82.9260, -25.1065, -67.4641**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.9610, 19.7392, 62.3012**, and **29.9340, 13.8365, 42.1539** is the 20% darker color. If you saturate the color by 10%, you get **51.4380, 26.4061, 70.6529**, and if you desaturate by 10%, it is **63.0470, 22.6548, 60.4718**.

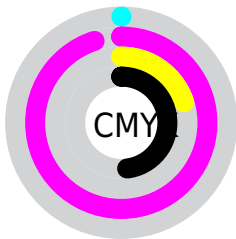
Distribution



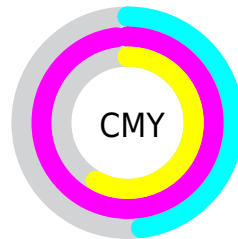
- Red (52%)
- Green (2%)
- Blue (42%)



- Red (52%)
- Yellow (2%)
- Blue (42%)



- Cyan (0%)
- Magenta (95%)
- Yellow (20%)
- Black (48%)



- Cyan (48%)
- Magenta (98%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.0740, 25.1065, 67.4641 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 55.0740, 25.1065, 67.4641 by changing the saturation by 10% instead.

■ 55.0740, 25.1065,
67.4641

■ 55.0740, 25.1065,
67.4641

■ 255.0000, 0.0000,
0.0000

■ 40.7430, 20.3397,
56.3534

■ 117.9610, 19.7392,
62.3012

■ 29.9340, 13.8365,
42.1539

■ 145.5590, 19.4444,
63.5308

■ 20.3640, 8.2015,
29.4988

■ 173.7440, 18.8602,
64.2455

■ 7.3480, 2.2934,
11.0958

■ 195.2910, 22.5345,
52.3648


■ 0.0000, 0.0000,
0.0000


■ 213.9100, 20.2574,
36.0359


■ 230.3460, 12.1544,


21.6216


 247.3690, 3.7621,
6.6924


 55.0740, 25.1065,
67.4641


 55.0740, 25.1065,
67.4641


 51.4380, 26.4061,
70.6529

 63.0470, 22.6548,
60.4718

 70.9060, 19.7663,
53.5794

 79.4660, 17.0253,
46.0723

 87.4390, 14.5736,
39.0800

 95.4120, 12.1219,
32.0877

■ 103.2710, 9.2334,
25.1953

■ 111.2440, 6.7817,
18.2030

■ 119.8040, 4.0406,
10.6959

■ 127.7770, 1.5889,
3.7036

Harmonies

Analogous

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



70.3980, 36.7788, 10.1750



55.0740, 25.1065, 67.4641



51.0920, 4.3916, 84.9883

Triad

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



55.0740, 25.1065, 67.4641



64.9880, -32.0391, 9.6575



66.0200, 29.5701, -57.8995

Complementary

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



55.0740, 25.1065, 67.4641



82.9260, -25.1065, -67.4641

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.



60.8900, 9.9142, -53.4005



55.0740, 25.1065, 67.4641



53.5160, -26.3834, -31.1475

Square

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



55.0740, 25.1065, 67.4641



65.4850, -32.2841, 41.6707



54.6030, -11.6363, -47.8868



67.2060, 44.2684, -58.9397

Rectangle

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



55.0740, 25.1065, 67.4641



46.7750, -8.2701, 86.1433



54.6030, -11.6363, -47.8868



65.0110, 23.1656, -57.0146

Sweetspot

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



55.0740, 25.1065, 67.4641



140.5100, 10.1016, 26.7397



27.8390, 51.3514, 2.7722



68.0050, 5.9135, 16.6586



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



55.0740, 25.1065, 67.4641



66.6330, 34.1979, 91.5299



48.0060, -1.9750, 73.6627



62.3640, 1.2995, 3.1888



50.6120, 25.8273, 69.6233



1.1250, 0.4314, 1.6444

Inverse Universe

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



55.0740, 25.1065, 67.4641



66.6330, 34.1979, 91.5299



89.9940, 1.9750, -73.6627



62.3640, 1.2995, 3.1888



50.6120, 25.8273, 69.6233



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 55.0740, 25.1065, 67.4641 looks on a white background.

Color Contrast Check

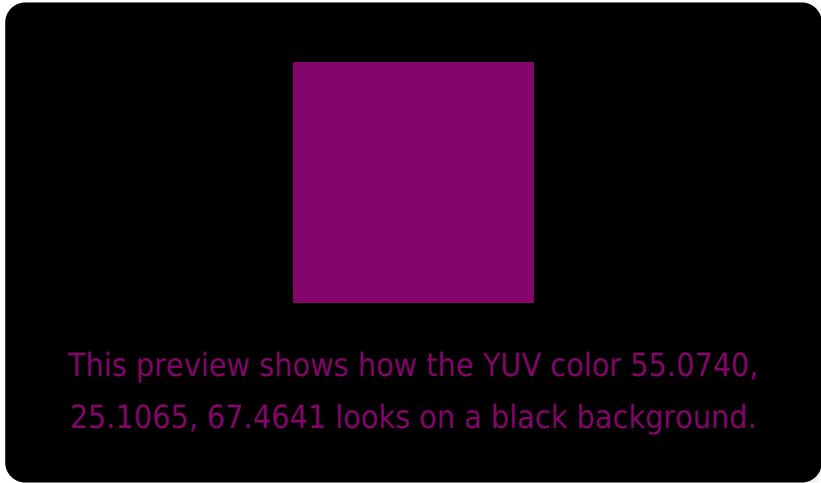
Large Text (above 18pt) WCAG AA ✓ Pass

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

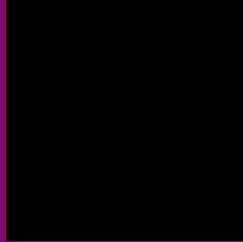
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.0740, 25.1065, 67.4641

Background



This preview shows how black text looks on a background with the YUV color 55.0740, 25.1065, 67.4641.



This preview shows how white text looks on a background with the YUV color 55.0740, 25.1065,

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

55.0740, 25.1065, 67.4641

Protanopia

58.0760, 44.8255, -50.9327

Deuteranopia

72.6860, 12.9728, -7.6176



Tritanopia

67.6430, -11.6560, 52.0561

Trichromacy



Original Color

55.0740, 25.1065, 67.4641

Protanomaly

57.1030, 37.4172, -7.9833

Deuteranomaly

66.4150, 17.5434, 19.8070

Tritanomaly

63.2320, 1.8576, 57.6785

Monochromacy



Original Color

55.0740, 25.1065, 67.4641

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9720, 9.3808, 24.5806

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.0740, 25.1065, 67.4641 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(132, 6, 106)` looks like.

```
.text, #text, p{  
    color:rgb(132, 6, 106)  
}
```

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(132, 6, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 6, 106) }
```

Border

The CSS property to change the border of an element to YUV 55.0740, 25.1065, 67.4641 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(132, 6, 106) }
```


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

```
.border{ border-color:rgb(132, 6, 106) }
```

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

Here you see how a box with a 4 pixel rgb(132, 6, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 6, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 6, 106);  
box-shadow:4px 4px 4px 4px rgb(132, 6,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 55.0740, 25.1065, 67.4641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 6, 106) }
```

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

```
.background{ background-color: rgb(132, 6,  
106) }
```

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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