

Converting Colors

YUV(52.2650, 22.0544, 66.4196)

Have a look what the booklet for
YUV(52.2650, 22.0544, 66.4196)
contains.

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Color

**YUV(52.2650, 22.0544,
66.4196)**

Conversions

Conversions Part 1

Format	Color
Hex	800561
RGB	128, 5, 97
RGB Percent	50%, 2%, 38%
CMY	0.4980, 0.9804, 0.6196
CMYK	0.00, 0.96, 0.24, 0.50
HSL	315°, 92%, 26%
HSV	315°, 96%, 50%
XYZ	11.1140, 5.5608, 11.7968
YIQ	52.2650, 43.7760, 54.6880

Conversions

Conversions Part 2

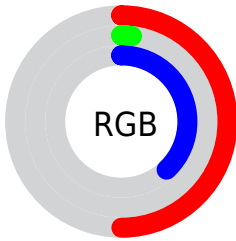
Format	Color
RYB	128, 5, 97
Decimal	8389985
CIELab	28.28, 53.66, -19.01
CIElCh	28, 56.922, 340.494
Yxy	5.5608, 0.3904, 0.1953
Android (android.graphics.Color)	4286580065 (0xFF800561)
YUV	52.2650, 22.0544, 66.4196
Hunter-Lab	23.5814, 42.8607, -13.1535

Details

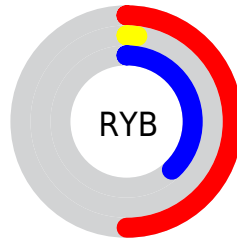
The YUV color **52.2650, 22.0544, 66.4196** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **80.7350, -22.0544, -66.4196**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.1520, 16.6871, 61.2567**, and **27.8260, 10.9318, 40.4946** is the 20% darker color. If you saturate the color by 10%, you get **49.2160, 23.0645, 69.0936**, and if you desaturate by 10%, it is **60.2380, 19.6027, 59.4273**.

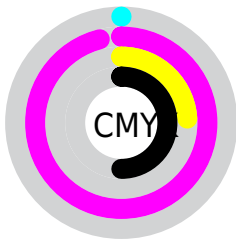
Distribution



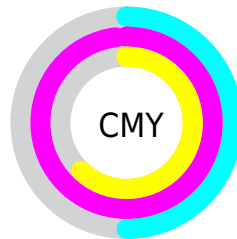
- Red (50%)
- Green (2%)
- Blue (38%)



- Red (50%)
- Yellow (2%)
- Blue (38%)



- Cyan (0%)
- Magenta (96%)
- Yellow (24%)
- Black (50%)



- Cyan (50%)
- Magenta (98%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.2650, 22.0544, 66.4196 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 52.2650, 22.0544, 66.4196 by changing the saturation by 10% instead.

■ 52.2650, 22.0544,
66.4196

■ 52.2650, 22.0544,
66.4196

255.0000, 0.0000,
0.0000

■ 38.5210, 16.9981,
54.7941

■ 114.1520, 16.6871,
61.2567

■ 27.8260, 10.9318,
40.4946

■ 141.7500, 16.3923,
62.4862

■ 18.2560, 5.2968,
27.8395

■ 170.2340, 15.6606,
63.8158

■ 2.3920, -1.1793,
4.9182


■ 192.8630, 18.3085,
54.4941


■ 0.0000, 0.0000,
0.0000


■ 212.1490, 21.1255,
37.5803


■ 229.1720, 12.7332,


22.6512


 246.1950, 4.3409,
7.7220


 52.2650, 22.0544,
66.4196


 52.2650, 22.0544,
66.4196


 49.2160, 23.0645,
69.0936

 60.2380, 19.6027,
59.4273

 68.2110, 17.1510,
52.4350

 75.7110, 15.4255,
45.8575

 83.6840, 12.9738,
38.8651

 91.6570, 10.5221,
31.8728

■ 99.6300, 8.0704,
24.8805

■ 107.7170, 6.0555,
17.7882

■ 115.1030, 3.8932,
11.3107

■ 123.0760, 1.4415,
4.3183

Harmonies

Analogous

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



67.3940, 32.8368, 14.5635



52.2650, 22.0544, 66.4196



48.3150, 2.8027, 81.2847

Triad

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



52.2650, 22.0544, 66.4196



61.7210, -30.4285, 6.3837



63.3300, 29.4173, -55.5404

Complementary

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



52.2650, 22.0544, 66.4196



80.7350, -22.0544, -66.4196

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.



59.2430, 11.2192, -51.9561



52.2650, 22.0544, 66.4196



48.7650, -24.0411, -35.7509

Square

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



52.2650, 22.0544, 66.4196



62.5060, -30.8155, 37.2672



52.7110, -8.7315, -46.2275



64.0600, 42.3684, -56.1806

Rectangle

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



52.2650, 22.0544, 66.4196



49.9710, -12.3107, 75.4474



52.7110, -8.7315, -46.2275



62.5490, 23.8863, -54.8555

Sweetspot

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



52.2650, 22.0544, 66.4196



136.4560, 8.6492, 25.9101



28.2910, 49.1565, 6.7608



66.1790, 5.3348, 15.6290



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



52.2650, 22.0544, 66.4196



63.7700, 29.6934, 89.6557



45.3110, -4.5903, 72.5183



59.6630, 1.1521, 3.8035



49.1020, 22.6277, 69.1935



0.0000, 0.0000, 0.0000

Inverse Universe

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



52.2650, 22.0544, 66.4196



63.7700, 29.6934, 89.6557



87.6890, 4.5903, -72.5183



59.6630, 1.1521, 3.8035



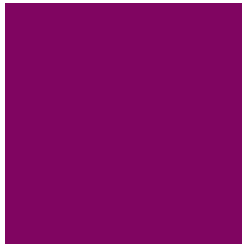
49.1020, 22.6277, 69.1935



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 52.2650, 22.0544, 66.4196 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

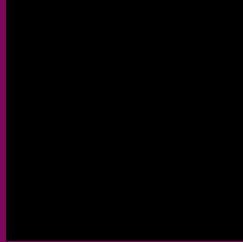
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.2650, 22.0544, 66.4196

Background



This preview shows how black text looks on a background with the YUV color 52.2650, 22.0544, 66.4196.



This preview shows how white text looks on a background with the YUV color 52.2650, 22.0544,

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

52.2650, 22.0544, 66.4196

Protanopia

62.5360, 37.2038, -32.9191

Deuteranopia

69.7250, 10.4886, -4.1438



Tritanopia

63.9420, -11.8034, 52.6709

Trichromacy



Original Color

52.2650, 22.0544, 66.4196

Protanomaly

58.3880, 31.8537, 3.1677

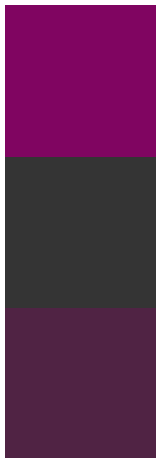
Deuteranomaly

63.3290, 14.6278, 21.6365

Tritanomaly

59.5910, 0.6946, 57.3637

Monochromacy



Original Color

52.2650, 22.0544, 66.4196

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.2170, 7.7810, 24.3657

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.2650, 22.0544, 66.4196 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(128, 5, 97)` looks like.

```
.text, #text, p{  
    color:rgb(128, 5, 97)  
}
```

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(128, 5, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 5, 97) }
```

Border

The CSS property to change the border of an element to YUV 52.2650, 22.0544, 66.4196 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(128, 5, 97) }
```


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

```
.border{ border-color:rgb(128, 5, 97) }
```

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

Here you see how a box with a 4 pixel rgb(128, 5, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 5, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 5, 97);  
box-shadow:4px 4px 4px 4px rgb(128, 5, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.2650, 22.0544, 66.4196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 5, 97) }
```

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

```
.background{ background-color: rgb(128, 5,  
97) }
```

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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