

Converting Colors

YUV(53.9660, 11.8488, 26.3398)

Have a look what the booklet for
YUV(53.9660, 11.8488, 26.3398)
contains.

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Color

**YUV(53.9660, 11.8488,
26.3398)**

Conversions

Conversions Part 1

Format	Color
Hex	54224E
RGB	84, 34, 78
RGB Percent	33%, 13%, 31%
CMY	0.6706, 0.8667, 0.6941
CMYK	0.00, 0.60, 0.07, 0.67
HSL	307°, 42%, 23%
HSV	307°, 60%, 33%
XYZ	5.6033, 3.5789, 7.6032
YIQ	53.9660, 15.6760, 24.2840

Conversions

Conversions Part 2

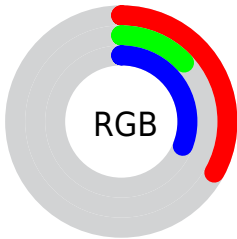
Format	Color
R _Y B	84, 34, 78
Decimal	5513806
CIE Lab	22.23, 29.82, -16.45
CIE LCh	22, 34.060, 331.122
Yxy	3.5789, 0.3338, 0.2132
Android (android.graphics.Color)	4283703886 (0xFF54224E)
YUV	53.9660, 11.8488, 26.3398
Hunter-Lab	18.9181, 19.7632, -10.5861

Details

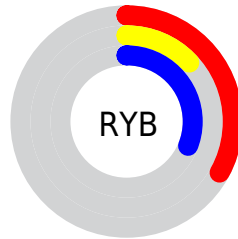
The YUV color **53.9660, 11.8488, 26.3398** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **64.0340, -11.8488, -26.3398**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.3900, 12.1327, 28.5990**, and **15.5370, 9.1023, 20.5771** is the 20% darker color. If you saturate the color by 10%, you get **49.1560, 13.7271, 30.5582**, and if you desaturate by 10%, it is **58.7760, 9.9704, 22.1214**.

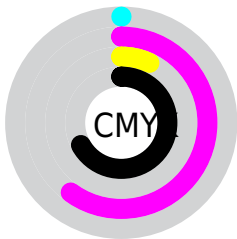
Distribution



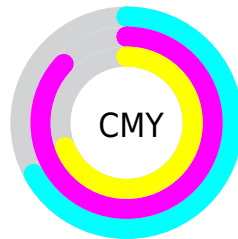
- Red (33%)
- Green (13%)
- Blue (31%)



- Red (33%)
- Yellow (13%)
- Blue (31%)



- Cyan (0%)
- Magenta (60%)
- Yellow (7%)
- Black (67%)



- Cyan (67%)
- Magenta (87%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.9660, 11.8488, 26.3398 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 53.9660, 11.8488, 26.3398 by changing the saturation by 10% instead.

■ 53.9660, 11.8488,
26.3398

■ 53.9660, 11.8488,
26.3398

■ 255.0000, 0.0000,
0.0000

■ 30.0800, 12.2856,
26.2398

■ 102.3900, 12.1327,
28.5990

■ 15.5370, 9.1023,
20.5771

■ 128.1020, 12.2747,
29.7285

■ 0.7980, 3.0576,
-0.6998

■ 154.5150, 12.5641,
30.2433

■ 0.0000, 0.0000,
0.0000

■ 181.6400, 12.9955,
31.8877

■ 209.6400, 12.9955,
31.8877

■ 230.9330, 11.8650,

21.1068

247.3690, 3.7621,
6.6924

53.9660, 11.8488,
26.3398

53.9660, 11.8488,
26.3398

49.1560, 13.7271,
30.5582

58.7760, 9.9704,
22.1214

43.7590, 15.8948,
35.2914

64.1730, 7.8027,
17.3883

38.9490, 17.7731,
39.5097

68.9830, 5.9244,
13.1699

33.5520, 19.9409,
44.2429

74.3800, 3.7567,
8.4367

79.1900, 1.8783,
4.2184

■ 84.0000, 0.0000,
0.0000

■ 89.3970, -2.1677,
-4.7332

■ 94.2070, -4.0461,
-8.9515

■ 99.6040, -6.2138,
-13.6847

Harmonies

Analogous

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



53.9070, 21.2448, -0.7954



53.9660, 11.8488, 26.3398



50.8940, 1.0383, 40.4350

Triad

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



53.9660, 11.8488, 26.3398



49.9590, -24.6298, 13.1910



46.5740, 15.9860, -40.8454

Complementary

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



53.9660, 11.8488, 26.3398



64.0340, -11.8488, -26.3398

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.



44.1970, 4.3399, -38.7608



53.9660, 11.8488, 26.3398



46.6360, -21.5125, -6.6968

Square

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



53.9660, 11.8488, 26.3398



50.3400, -22.3526, 29.5198



40.0590, -6.4381, -35.1317



47.4520, 24.4272, -41.6154

Rectangle

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



53.9660, 11.8488, 26.3398



50.5430, -6.6767, 41.6198



40.0590, -6.4381, -35.1317



46.2490, 12.2022, -40.5604

Sweetspot

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



53.9660, 11.8488, 26.3398



97.9180, 4.4774, 10.5959



41.4940, 20.9555, -1.3102



48.8420, 3.0359, 6.2776



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



53.9660, 11.8488, 26.3398



63.0740, 18.2045, 41.1541



51.1160, 0.9288, 28.8393



38.5380, 0.7208, 2.1592



41.8830, 24.7077, 55.3536



92.6240, 54.9084, 122.2328

Inverse Universe

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



53.9660, 11.8488, 26.3398



63.0740, 18.2045, 41.1541



66.8840, -0.9288, -28.8393



38.5380, 0.7208, 2.1592



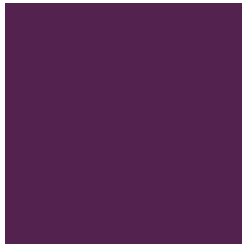
41.8830, 24.7077, 55.3536



92.6240, 54.9084, 122.2328

Previews

White Background



This preview shows how the YUV color 53.9660, 11.8488, 26.3398 looks on a white background.

Color Contrast Check

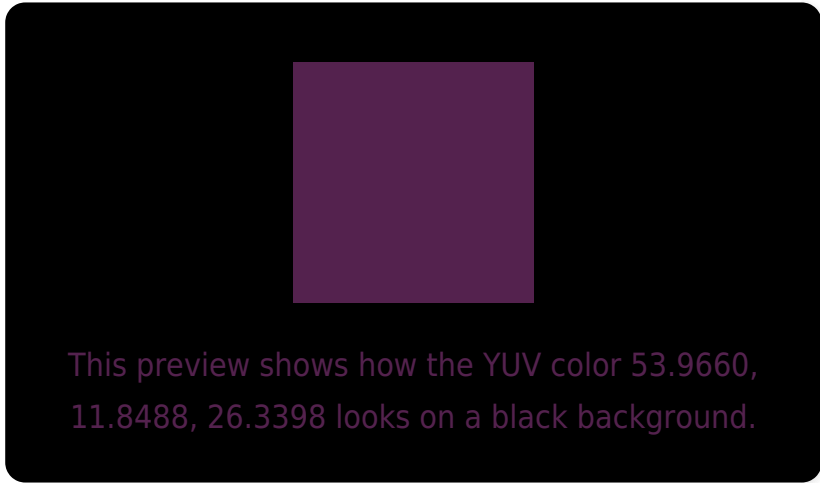
Large Text (above 18pt) WCAG AA ✓ Pass

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

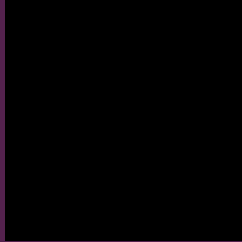
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.9660, 11.8488, 26.3398

Background



This preview shows how black text looks on a background with the YUV color 53.9660, 11.8488, 26.3398.



This preview shows how white text looks on a background with the YUV color 53.9660, 11.8488,

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

53.9660, 11.8488, 26.3398

Protanopia

52.5910, 20.4146, -14.5503

Deuteranopia

53.7140, 10.4940, -5.8882



Tritanopia

54.4050, -4.1437, 22.4468

Trichromacy



Original Color

53.9660, 11.8488, 26.3398

Protanomaly

52.8810, 17.3137, 0.1044

Deuteranomaly

53.6060, 11.0402, 5.6075

Tritanomaly

54.3110, 1.8187, 23.4063

Monochromacy



Original Color

53.9660, 11.8488, 26.3398

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.2060, 4.3354, 9.4663

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.9660, 11.8488, 26.3398 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(84, 34, 78)` looks like.

```
.text, #text, p{  
    color:rgb(84, 34, 78)  
}
```

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(84, 34, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 34, 78) }
```

Border

The CSS property to change the border of an element to YUV 53.9660, 11.8488, 26.3398 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(84, 34, 78) }
```


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

```
.border{ border-color:rgb(84, 34, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 34, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 34, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 34, 78);  
box-shadow:4px 4px 4px 4px rgb(84, 34, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.9660, 11.8488, 26.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 34, 78) }
```

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

```
.background{ background-color: rgb(84, 34,  
78) }
```

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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