

Converting Colors

YUV(54.5960, 26.3282, 2.1083)

Have a look what the booklet for
YUV(54.5960, 26.3282, 2.1083)
contains.

YUV(54.5960, 26.3282, 2.1083)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(54.5960, 26.3282,
2.1083)**

Conversions

Conversions Part 1

Format	Color
Hex	392B6C
RGB	57, 43, 108
RGB Percent	22%, 17%, 42%
CMY	0.7765, 0.8314, 0.5765
CMYK	0.47, 0.60, 0.00, 0.58
HSL	253°, 43%, 30%
HSV	253°, 60%, 42%
XYZ	5.2580, 3.6803, 14.6206
YIQ	54.5960, -12.5210, 23.1830

Conversions

Conversions Part 2

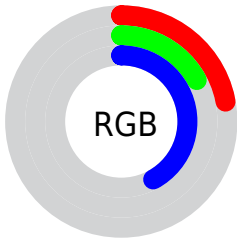
Format	Color
R_{YB}	57, 43, 108
Decimal	3746668
CIE _{Lab}	22.59, 24.20, -35.89
CIE _{LCh}	23, 43.286, 303.992
Yxy	3.6803, 0.2232, 0.1562
Android (android.graphics.Color)	4281936748 (0xFF392B6C)
YUV	54.5960, 26.3282, 2.1083
Hunter-Lab	19.1842, 15.3510, -31.7571

Details

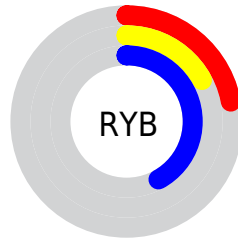
The YUV color **54.5960, 26.3282, 2.1083** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **96.4040, -26.3282, -2.1083**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.7750, 28.2119, 4.5823**, and **9.2320, 25.0286, -1.0805** is the 20% darker color. If you saturate the color by 10%, you get **45.7470, 30.6907, 2.8529**, and if you desaturate by 10%, it is **63.4450, 21.9656, 1.3637**.

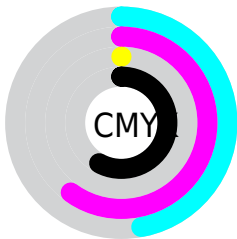
Distribution



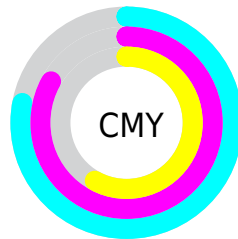
- Red (22%)
- Green (17%)
- Blue (42%)



- Red (22%)
- Yellow (17%)
- Blue (42%)



- Cyan (47%)
- Magenta (60%)
- Yellow (0%)
- Black (58%)



- Cyan (78%)
- Magenta (83%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.5960, 26.3282, 2.1083 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 54.5960, 26.3282, 2.1083 by changing the saturation by 10% instead.

■ 54.5960, 26.3282,
2.1083

■ 54.5960, 26.3282,
2.1083

■ 255.0000, 0.0000,
0.0000

■ 31.6450, 25.3180,
-0.5657

■ 102.7750, 28.2119,
4.5823

■ 9.2320, 25.0286,
-1.0805

■ 128.3020, 28.9381,
4.9971

■ 5.3920, 15.5827,
-4.7288

■ 154.2420, 29.9537,
5.9268

■ 2.1830, 5.8258,
-1.9145

■ 181.7690, 30.6799,
6.3416

■ 0.0000, 0.0000,
0.0000

■ 207.2440, 23.5437,
8.5560

■ 232.3510, 11.1660,

11.9702

252.0650, 1.4470,
2.5740

54.5960, 26.3282,
2.1083

54.5960, 26.3282,
2.1083

45.7470, 30.6907,
2.8529

63.4450, 21.9656,
1.3637

36.5990, 35.2007,
2.9827

72.5930, 17.4557,
1.2339

28.3370, 39.2739,
3.2125

80.8550, 13.3825,
1.0042

19.1890, 43.7838,
3.3422

90.0030, 8.8725,
0.8744

98.8520, 4.5100,
0.1298

■ 108.0000, 0.0000,
0.0000

■ 116.8490, -4.3626,
-0.7446

■ 125.4100, -8.5831,
-0.3596

■ 134.2590,
-12.9457, -1.1041

Harmonies

Analogous

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



47.0250, 35.4837, -41.2409



54.5960, 26.3282, 2.1083



51.9550, 15.3052, 37.7505

Triad

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



54.5960, 26.3282, 2.1083



50.6780, -24.9843, 33.6084



46.5280, 5.6557, -40.8051

Complementary

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



54.5960, 26.3282, 2.1083



96.4040, -26.3282, -2.1083

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.



41.3640, -9.0535, -36.2762



54.5960, 26.3282, 2.1083



50.8340, -25.0612, 11.5466

Square

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



54.5960, 26.3282, 2.1083



47.1760, -13.3978, 50.7116



45.3640, -22.3645, -13.4742



49.4750, 19.4858, -43.3896

Rectangle

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



54.5960, 26.3282, 2.1083



45.2190, 8.2730, 53.3049



45.3640, -22.3645, -13.4742



44.5730, 0.7035, -39.0905

Sweetspot

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



54.5960, 26.3282, 2.1083



119.3450, 10.1829, 0.5744



80.9340, 13.3435, -33.2681



58.6070, 6.1097, 0.3447



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.



54.5960, 26.3282, 2.1083



57.0920, 40.8736, 3.4273



64.1640, 21.6111, 21.7812



48.9830, 2.4734, 0.0149



20.8130, 47.4202, 3.6720



43.7770, 99.2029, 8.0886

Inverse Universe

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



68.2490, 12.6952, 34.8616



78.3190, 20.0557, 54.0942



87.1350, -21.7586, -21.1664



50.2500, 0.8628, 3.2887



45.4710, 22.9388, 62.7309



95.1430, 47.7505, 131.4246

Previews

White Background



This preview shows how the YUV color 54.5960, 26.3282, 2.1083 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



This preview shows how the YUV color 54.5960, 26.3282, 2.1083 looks on a 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 54.5960, 26.3282, 2.1083

Background



This preview shows how black text looks on a background with the YUV color 54.5960, 26.3282, 2.1083.



This preview shows how white text looks on a background with the YUV color 54.5960, 26.3282,

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

54.5960, 26.3282, 2.1083

Protanopia

43.1780, 33.4362, -37.8671

Deuteranopia

43.3430, 26.4529, -38.0118



Tritanopia

52.9820, 3.9529, -7.8772

Trichromacy



Original Color

54.5960, 26.3282, 2.1083

Protanomaly

47.5820, 30.7721, -23.3124

Deuteranomaly

47.7300, 26.2621, -23.4422

Tritanomaly

53.4800, 12.0884, -3.9290

Monochromacy



Original Color

54.5960, 26.3282, 2.1083

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.1170, 9.3093, 0.7744

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.5960, 26.3282, 2.1083 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(57, 43, 108)` looks like.

```
.text, #text, p{  
    color:rgb(57, 43, 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(57, 43, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 43, 108) }
```

Border

The CSS property to change the border of an element to YUV 54.5960, 26.3282, 2.1083 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(57, 43, 108) }
```


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

```
.border{ border-color:rgb(57, 43, 108) }
```

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

Here you see how a box with a 4 pixel rgb(57, 43, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 43, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 43, 108);  
box-shadow:4px 4px 4px 4px rgb(57, 43,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 54.5960, 26.3282, 2.1083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 43, 108) }
```

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

```
.background{ background-color: rgb(57, 43,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor