

Converting Colors

YUV(54.8800, 22.2442, 5.3672)

Have a look what the booklet for
YUV(54.8800, 22.2442, 5.3672)
contains.

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Color

**YUV(54.8800, 22.2442,
5.3672)**

Conversions

Conversions Part 1

Format	Color
Hex	3D2B64
RGB	61, 43, 100
RGB Percent	24%, 17%, 39%
CMY	0.7608, 0.8314, 0.6078
CMYK	0.39, 0.57, 0.00, 0.61
HSL	259°, 40%, 28%
HSV	259°, 57%, 39%
XYZ	5.0886, 3.6400, 12.4910
YIQ	54.8800, -7.5690, 21.5430

Conversions

Conversions Part 2

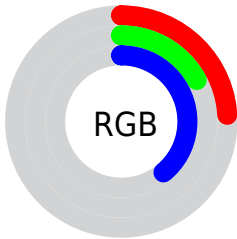
Format	Color
R_{YB}	61, 43, 100
Decimal	4008804
CIE _{Lab}	22.44, 22.74, -30.90
CIE _{LCh}	22, 38.365, 306.355
Yxy	3.6400, 0.2398, 0.1715
Android (android.graphics.Color)	4282198884 (0xFF3D2B64)
YUV	54.8800, 22.2442, 5.3672
Hunter-Lab	19.0787, 14.2212, -25.4626

Details

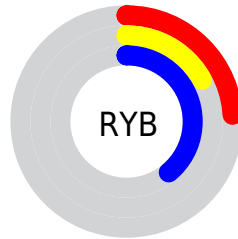
The YUV color **54.8800, 22.2442, 5.3672** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **88.1200, -22.2442, -5.3672**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.6460, 23.8385, 7.3265**, and **11.1250, 20.6444, 5.1524** is the 20% darker color. If you saturate the color by 10%, you get **46.9170, 26.1699, 6.2118**, and if you desaturate by 10%, it is **62.8430, 18.3184, 4.5227**.

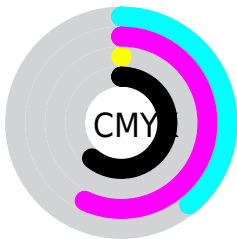
Distribution



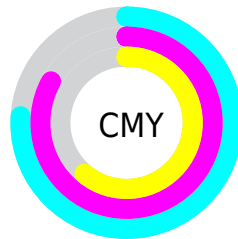
- Red (24%)
- Green (17%)
- Blue (39%)



- Red (24%)
- Yellow (17%)
- Blue (39%)



- Cyan (39%)
- Magenta (57%)
- Yellow (0%)
- Black (61%)



- Cyan (76%)
- Magenta (83%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.8800, 22.2442, 5.3672 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 54.8800, 22.2442, 5.3672 by changing the saturation by 10% instead.

■ 54.8800, 22.2442,
5.3672

■ 54.8800, 22.2442,
5.3672

■ 255.0000, 0.0000,
0.0000

■ 32.6410, 21.3760,
3.8228

■ 102.6460, 23.8385,
7.3265

■ 11.1250, 20.6444,
5.1524

■ 128.1730, 24.5647,
7.7413

■ 4.7080, 12.9620,
-4.1289

■ 154.1130, 25.5803,
8.6709

■ 0.2280, 0.8736,
-0.2000

■ 181.5260, 25.8697,
9.1857

■ 0.0000, 0.0000,
0.0000

■ 208.1410, 23.1015,
10.4003

■ 233.2480, 10.7237,

13.8145

252.0650, 1.4470,
2.5740

54.8800, 22.2442,
5.3672

54.8800, 22.2442,
5.3672

46.9170, 26.1699,
6.2118

62.8430, 18.3184,
4.5227

38.9540, 30.0957,
7.0563

70.8060, 14.3926,
3.6781

30.9910, 34.0214,
7.9009

78.7690, 10.4669,
2.8336

23.3270, 37.7998,
9.3602

86.4330, 6.6885,
1.3743

20.9680, 38.9628,
9.6751

94.3960, 2.7628,
0.5297

■ 102.3590, -1.1630,
-0.3148

■ 110.3220, -5.0887,
-1.1594

■ 118.2850, -9.0145,
-2.0039

■ 126.2480,
-12.9403, -2.8485

Harmonies

Analogous

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



44.9390, 32.5681, -39.4115



54.8800, 22.2442, 5.3672



52.7220, 11.9691, 34.4468

Triad

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



54.8800, 22.2442, 5.3672



50.3570, -24.8260, 29.5049



45.4680, 6.6713, -39.8754

Complementary

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



54.8800, 22.2442, 5.3672



88.1200, -22.2442, -5.3672

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.



41.4610, -6.1433, -36.3613



54.8800, 22.2442, 5.3672



50.2360, -24.7663, 10.3170

Square

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



54.8800, 22.2442, 5.3672



49.6050, -14.1023, 43.3194



44.7770, -22.0751, -12.9594



48.6600, 18.9016, -42.6748

Rectangle

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



54.8800, 22.2442, 5.3672



49.1380, 4.3690, 45.4830



44.7770, -22.0751, -12.9594



44.3280, 2.3033, -38.8757

Sweetspot

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



54.8800, 22.2442, 5.3672



112.6010, 8.5777, 2.1039



72.9780, 13.3218, -26.2907



55.6780, 5.0887, 1.1594



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



54.8800, 22.2442, 5.3672



60.4040, 34.3108, 8.4157



63.2520, 18.1168, 22.5810



47.1680, 1.8892, 0.7297



23.8740, 44.9251, 10.6345



50.6110, 94.3548, 23.1432

Inverse Universe

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



64.4890, 8.6329, 31.1431



75.1520, 13.2361, 48.1017



79.7480, -18.1168, -22.5810



47.8370, 0.5734, 2.7740



43.3910, 17.5552, 62.8011



91.2820, 36.8360, 132.1797

Previews

White Background



This preview shows how the YUV color 54.8800, 22.2442, 5.3672 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 54.8800, 22.2442, 5.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

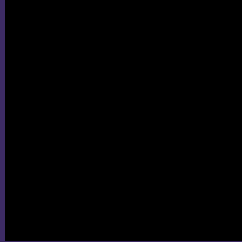
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.8800, 22.2442, 5.3672

Background



This preview shows how black text looks on a background with the YUV color 54.8800, 22.2442, 5.3672.



This preview shows how white text looks on a background with the YUV color 54.8800, 22.2442,

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

54.8800, 22.2442, 5.3672

Protanopia

46.0540, 31.5254, -31.6194

Deuteranopia

44.5390, 25.8633, -35.5527



Tritanopia

53.8580, 2.0420, -1.6295

Trichromacy



Original Color

54.8800, 22.2442, 5.3672

Protanomaly

49.5180, 27.8456, -17.9943

Deuteranomaly

48.5840, 24.3621, -20.6832

Tritanomaly

54.1170, 9.3093, 0.7744

Monochromacy



Original Color

54.8800, 22.2442, 5.3672

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0740, 7.8515, 1.6891

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.8800, 22.2442, 5.3672 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(61, 43, 100)` looks like.

```
.text, #text, p{  
    color:rgb(61, 43, 100)  
}
```

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(61, 43, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 43, 100) }
```

Border

The CSS property to change the border of an element to YUV 54.8800, 22.2442, 5.3672 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(61, 43, 100) }
```


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

```
.border{ border-color:rgb(61, 43, 100) }
```

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

Here you see how a box with a 4 pixel rgb(61, 43, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 43, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 43, 100);  
box-shadow:4px 4px 4px 4px rgb(61, 43,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 54.8800, 22.2442, 5.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 43, 100) }
```

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

```
.background{ background-color: rgb(61, 43,  
100) }
```

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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