

Converting Colors

YUV(54.9720, 22.6918, 1.7786)

Have a look what the booklet for
YUV(54.9720, 22.6918, 1.7786)
contains.

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Color

**YUV(54.9720, 22.6918,
1.7786)**

Conversions

Conversions Part 1

Format	Color
Hex	392D65
RGB	57, 45, 101
RGB Percent	22%, 18%, 40%
CMY	0.7765, 0.8235, 0.6039
CMYK	0.44, 0.55, 0.00, 0.60
HSL	253°, 38%, 29%
HSV	253°, 55%, 40%
XYZ	4.9747, 3.6862, 12.7612
YIQ	54.9720, -10.8240, 19.9600

Conversions

Conversions Part 2

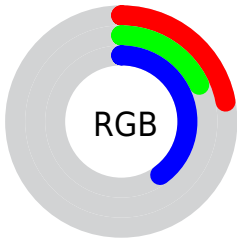
Format	Color
RYB	57, 45, 101
Decimal	3747173
CIELab	22.61, 20.63, -31.31
CIElCh	23, 37.497, 303.373
Yxy	3.6862, 0.2322, 0.1721
Android (android.graphics.Color)	4281937253 (0xFF392D65)
YUV	54.9720, 22.6918, 1.7786
Hunter-Lab	19.1995, 12.6511, -25.9683

Details

The YUV color **54.9720, 22.6918, 1.7786** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **91.0280, -22.6918, -1.7786**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.7380, 24.2862, 3.7378**, and **9.4450, 21.9656, 1.3637** is the 20% darker color. If you saturate the color by 10%, you get **46.7100, 26.7650, 2.0083**, and if you desaturate by 10%, it is **63.2340, 18.6186, 1.5488**.

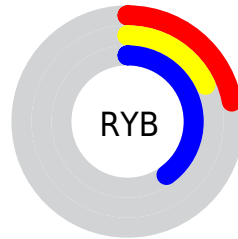
Distribution



Red (22%)

Green (18%)

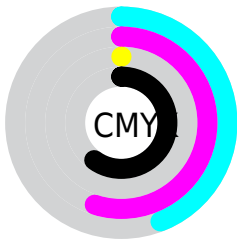
Blue (40%)



Red (22%)

Yellow (18%)

Blue (40%)

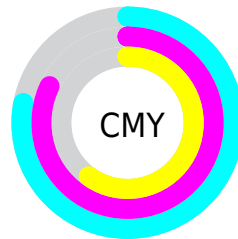


Cyan (44%)

Magenta (55%)

Yellow (0%)

Black (60%)



Cyan (78%)

Magenta (82%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.9720, 22.6918, 1.7786 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 54.9720, 22.6918, 1.7786 by changing the saturation by 10% instead.

■ 54.9720, 22.6918,
1.7786

■ 54.9720, 22.6918,
1.7786

■ 255.0000, 0.0000,
0.0000

■ 32.7330, 21.8236,
0.2342

■ 102.7380, 24.2862,
3.7378

■ 9.4450, 21.9656,
1.3637

■ 128.2650, 25.0124,
4.1526

■ 4.8220, 13.3988,
-4.2289

■ 154.2050, 26.0279,
5.0822

■ 0.3420, 1.3104,
-0.2999

■ 181.3190, 26.4647,
4.9822

■ 0.0000, 0.0000,
0.0000

■ 207.8200, 23.2597,
6.2969

■ 232.9270, 10.8820,

9.7110

253.2390, 0.8682,
1.5444

■ 54.9720, 22.6918,
1.7786

■ 54.9720, 22.6918,
1.7786

■ 46.7100, 26.7650,
2.0083

■ 63.2340, 18.6186,
1.5488

■ 38.4480, 30.8381,
2.2381

■ 71.4960, 14.5455,
1.3190

■ 30.1860, 34.9113,
2.4679

■ 79.7580, 10.4723,
1.0892

■ 21.9240, 38.9845,
2.6977

■ 88.0200, 6.3991,
0.8595

■ 18.0920, 40.8736,
3.4273

■ 96.8690, 2.0366,
0.1149

■ 105.1310, -2.0366,
-0.1149

■ 113.3930, -6.1097,
-0.3447

■ 121.3560,
-10.0355, -1.1892

■ 129.6180,
-14.1087, -1.4190

Harmonies

Analogous

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



45.4120, 31.8419, -39.8263



54.9720, 22.6918, 1.7786



53.9280, 12.8535, 30.7581

Triad

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



54.9720, 22.6918, 1.7786



50.9550, -25.1208, 30.7345



45.1260, 5.3609, -39.5755

Complementary

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



54.9720, 22.6918, 1.7786



91.0280, -22.6918, -1.7786

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.



41.2330, -7.0169, -36.1613



54.9720, 22.6918, 1.7786



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.



54.9720, 22.6918, 1.7786



50.3600, -12.5025, 43.5343



46.2720, -22.8121, -9.8855



48.3180, 17.5912, -42.3749

Rectangle

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



54.9720, 22.6918, 1.7786



50.9420, 4.9586, 43.0239



46.2720, -22.8121, -9.8855



44.1000, 1.4297, -38.6757

Sweetspot

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



54.9720, 22.6918, 1.7786



112.0030, 8.8725, 0.8744



77.7990, 11.4381, -28.7647



55.3790, 5.2362, 0.5446



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.



54.9720, 22.6918, 1.7786



58.5990, 35.2007, 2.9827



63.0450, 18.7118, 18.3775



46.8690, 2.0366, 0.1149



20.5850, 46.5466, 3.8720



43.1360, 98.0400, 7.7737

Inverse Universe

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



66.7600, 10.9643, 30.0285



76.7650, 16.8779, 46.6871



82.9550, -18.7118, -18.3775



47.9510, 1.0102, 2.6740



44.6450, 22.3600, 61.7013



94.0180, 47.3191, 129.7802

Previews

White Background



This preview shows how the YUV color 54.9720, 22.6918, 1.7786 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 54.9720, 22.6918, 1.7786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

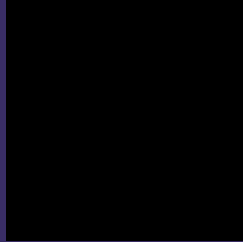
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.9720, 22.6918, 1.7786

Background



This preview shows how black text looks on a background with the YUV color 54.9720, 22.6918, 1.7786.



This preview shows how white text looks on a background with the YUV color 54.9720, 22.6918,

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

54.9720, 22.6918, 1.7786

Protanopia

47.4350, 30.3515, -28.4455

Deuteranopia

43.4570, 26.8897, -38.1118



Tritanopia

53.7650, 3.0739, -5.9329

Trichromacy



Original Color

54.9720, 22.6918, 1.7786

Protanomaly

49.8170, 27.6982, -17.3795

Deuteranomaly

47.5020, 25.3885, -23.2423

Tritanomaly

54.3230, 10.1938, -2.9143

Monochromacy



Original Color

54.9720, 22.6918, 1.7786

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.8890, 8.4357, 0.9743

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.9720, 22.6918, 1.7786 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, 45, 101)` looks like.

```
.text, #text, p{  
    color:rgb(57, 45, 101)  
}
```

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, 45, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 45, 101) }
```

Border

The CSS property to change the border of an element to YUV 54.9720, 22.6918, 1.7786 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, 45, 101) }
```


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

```
.border{ border-color:rgb(57, 45, 101) }
```

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

Here you see how a box with a 4 pixel rgb(57, 45, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 45, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 45, 101);  
box-shadow:4px 4px 4px 4px rgb(57, 45,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 54.9720, 22.6918, 1.7786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 45, 101) }
```

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

```
.background{ background-color: rgb(57, 45,  
101) }
```

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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