

Converting Colors

YUV(55.6540, 28.2716,
-14.6056)

Have a look what the booklet for
YUV(55.6540, 28.2716, -14.6056)
contains.

YUV(55.6540, 28.2716, -14.6056)	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(55.6540, 28.2716,
-14.6056)**

Conversions

Conversions Part 1

Format	Color
Hex	273571
RGB	39, 53, 113
RGB Percent	15%, 21%, 44%
CMY	0.8471, 0.7922, 0.5569
CMYK	0.65, 0.53, 0.00, 0.56
HSL	229°, 49%, 30%
HSV	229°, 65%, 44%
XYZ	5.0904, 4.1698, 16.1593
YIQ	55.6540, -27.6040, 15.6920

Conversions

Conversions Part 2

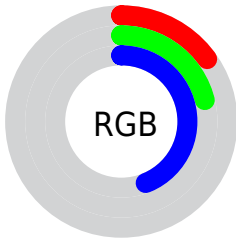
Format	Color
R_{YB}	39, 51, 113
Decimal	2569585
CIE _{Lab}	24.23, 15.09, -36.54
CIE _{LCh}	24, 39.528, 292.437
Yxy	4.1698, 0.2003, 0.1640
Android (android.graphics.Color)	4280759665 (0xFF273571)
YUV	55.6540, 28.2716, -14.6056
Hunter-Lab	20.4201, 8.7624, -32.6248




Details

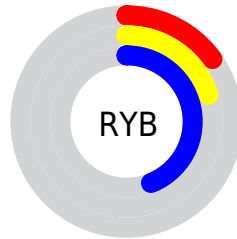
The YUV color **55.6540, 28.2716, -14.6056** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **96.3460, -28.2716, 14.6056**, and the grayscale version is **55.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **104.4310, 29.8605, -10.9020**, and **13.1660, 25.0612, -11.5466** is the 20% darker color. If you saturate the color by 10%, you get **47.0820, 32.4976, -16.7349**, and if you desaturate by 10%, it is **64.2260, 24.0456, -12.4762**.

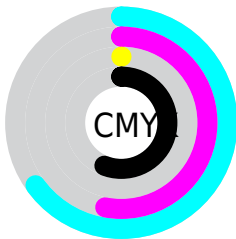
Distribution







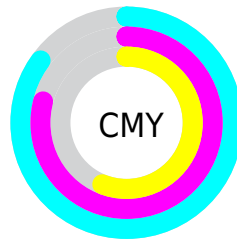
-  Red (15%)
-  Green (21%)
-  Blue (44%)






-  Red (15%)
-  Yellow (20%)
-  Blue (44%)



-  Cyan (65%)
-  Magenta (53%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (85%)
-  Magenta (79%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.6540, 28.2716, -14.6056 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 55.6540, 28.2716, -14.6056 by changing the saturation by 10% instead.

■ 55.6540, 28.2716,
-14.6056

■ 55.6540, 28.2716,
-14.6056

■ 255.0000, 0.0000,
0.0000

■ 30.0120, 28.5881,
-22.8125

■ 104.4310, 29.8605,
-10.9020

■ 13.1660, 25.0612,
-11.5466

■ 130.3710, 30.8761,
-9.9724

■ 6.5490, 17.4773,
-5.7435

■ 156.8980, 31.6023,
-9.5575

■ 2.8670, 8.4466,
-2.5144

■ 184.1260, 32.4759,
-9.7575

■ 0.0000, 0.0000,
0.0000

■ 209.2160, 22.5715,
-6.3284

■ 234.0240, 10.3412,

-3.5290

■ 55.6540, 28.2716,
-14.6056

■ 55.6540, 28.2716,
-14.6056

■ 47.0820, 32.4976,
-16.7349

■ 64.2260, 24.0456,
-12.4762

■ 38.2110, 36.8710,
-19.4790

■ 73.0970, 19.6722,
-9.7321

■ 29.6390, 41.0970,
-21.6084

■ 81.6690, 15.4462,
-7.6027

■ 25.2090, 43.2810,
-22.1083

■ 90.8280, 10.9308,
-5.9882

■ 99.6990, 6.5574,
-3.2440

■ 108.2710, 2.3314,
-1.1147

■ 116.8430, -1.8946,
1.0147

■ 125.4150, -6.1206,
3.1440

■ 134.2860,
-10.4940, 5.8882

Harmonies

Analogous

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



50.3190, 32.8737, -44.1298



55.6540, 28.2716, -14.6056



58.4370, 17.5326, 23.2958

Triad

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



55.6540, 28.2716, -14.6056



54.2810, -22.8165, 38.3416



46.6760, 1.1457, -40.9349

Complementary

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



55.6540, 28.2716, -14.6056



96.3460, -28.2716, 14.6056

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.



42.2670, -11.9636, -36.1912



55.6540, 28.2716, -14.6056



55.0200, -27.1249, 20.1535

Square

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



55.6540, 28.2716, -14.6056



52.6580, -7.7194, 49.4119



51.9310, -25.6020, -1.6935



50.6830, 13.9603, -44.4490

Rectangle

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



55.6540, 28.2716, -14.6056



55.8860, 9.9162, 39.5650



51.9310, -25.6020, -1.6935



45.4220, -3.6590, -39.8351

Sweetspot

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



55.6540, 28.2716, -14.6056



124.9420, 11.3676, -6.0881



89.1640, 4.3561, -43.9938



60.4000, 6.7048, -3.8588



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



55.6540, 28.2716, -14.6056



57.2520, 44.7388, -23.0230



54.0140, 29.0801, 6.1267



51.8580, 2.0420, -1.6295



27.1810, 45.7598, -23.8377



55.7470, 94.2877, -48.8901

Inverse Universe

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



62.7220, -4.7929, 44.0938



68.4910, -7.6371, 69.7294



97.9860, -29.0801, -6.1267



52.0220, -0.0108, 3.4887



38.5020, -7.6425, 71.4737



79.2110, -15.8800, 147.1510

Previews

White Background



This preview shows how the YUV color 55.6540, 28.2716, -14.6056 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 55.6540, 28.2716, -14.6056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

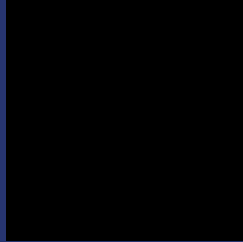
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.6540, 28.2716, -14.6056

Background



This preview shows how black text looks on a background with the YUV color 55.6540, 28.2716, -14.6056.



This preview shows how white text looks on a background with the YUV color 55.6540, 28.2716,

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

55.6540, 28.2716, -14.6056

Protanopia

50.8800, 32.1042, -30.5898

Deuteranopia

46.3750, 27.9161, -40.6709



Tritanopia

45.7330, 11.4706, -39.2308

Trichromacy



Original Color

55.6540, 28.2716, -14.6056

Protanomaly

52.5710, 30.7775, -25.0568

Deuteranomaly

49.8430, 28.1784, -31.4343

Tritanomaly

49.3950, 17.5533, -30.1644

Monochromacy



Original Color

55.6540, 28.2716, -14.6056

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.0130, 10.3466, -5.2734

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.6540, 28.2716, -14.6056 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(39, 53, 113)` looks like.

```
.text, #text, p{  
    color:rgb(39, 53, 113)  
}
```

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(39, 53, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 53, 113) }
```

Border

The CSS property to change the border of an element to YUV 55.6540, 28.2716, -14.6056 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(39, 53, 113) }
```


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

```
.border{ border-color:rgb(39, 53, 113) }
```

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

Here you see how a box with a 4 pixel rgb(39, 53, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 53, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 53, 113);  
box-shadow:4px 4px 4px 4px rgb(39, 53,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 55.6540, 28.2716, -14.6056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 53, 113) }
```

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

```
.background{ background-color: rgb(39, 53,  
113) }
```

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