

Converting Colors

YUV(55.5320, -0.2623, -9.2366)

Have a look what the booklet for
YUV(55.5320, -0.2623, -9.2366)
contains.

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Color

**YUV(55.5320, -0.2623,
-9.2366)**

Conversions

Conversions Part 1

Format	Color
Hex	2D3D37
RGB	45, 61, 55
RGB Percent	18%, 24%, 22%
CMY	0.8235, 0.7608, 0.7843
CMYK	0.26, 0.00, 0.10, 0.76
HSL	158°, 15%, 21%
HSV	158°, 26%, 24%
XYZ	3.4405, 4.1712, 4.2382
YIQ	55.5320, -7.6100, -5.2580

Conversions

Conversions Part 2

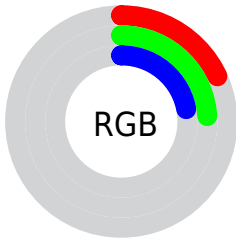
Format	Color
RYB	45, 55, 61
Decimal	2964791
CIELab	24.23, -8.00, 1.58
CIElCh	24, 8.159, 168.828
Yxy	4.1712, 0.2903, 0.3520
Android (android.graphics.Color)	4281154871 (0xFF2D3D37)
YUV	55.5320, -0.2623, -9.2366
Hunter-Lab	20.4235, -5.6713, 1.9928

Details

The YUV color **55.5320, -0.2623, -9.2366** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **50.4680, 0.2623, 9.2366**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.2330, -0.1149, -9.8513**, and **12.4070, -0.6937, -10.8809** is the 20% darker color. If you saturate the color by 10%, you get **53.5100, -0.2514, -12.7253**, and if you desaturate by 10%, it is **57.5540, -0.2731, -5.7479**.

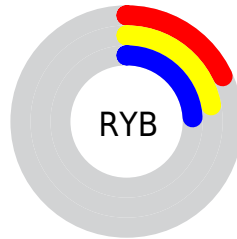
Distribution



Red (18%)

Green (24%)

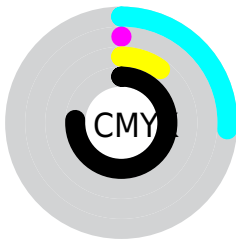
Blue (22%)



Red (18%)

Yellow (22%)

Blue (24%)

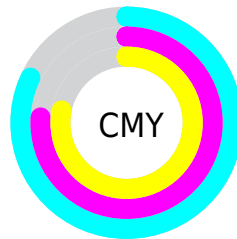


Cyan (26%)

Magenta (0%)

Yellow (10%)

Black (76%)



Cyan (82%)

Magenta (76%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.5320, -0.2623, -9.2366 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 55.5320, -0.2623, -9.2366 by changing the saturation by 10% instead.

■ 55.5320, -0.2623,
-9.2366

■ 55.5320, -0.2623,
-9.2366

■ 255.0000, 0.0000,
0.0000

■ 33.9450, 0.0271,
-8.7218

■ 102.2330, -0.1149,
-9.8513

■ 12.4070, -0.6937,
-10.8809

■ 127.8200, -0.4043,
-10.3661

■ 0.0000, 0.0000,
0.0000

■ 153.5210, -0.2569,
-10.9809

■ 180.4070, -0.6937,
-10.8809

■ 208.1080, -0.5462,
-11.4957

■ 236.1080, -0.5462,

-11.4957

254.1030, 0.4422,
-1.8443

■ 55.5320, -0.2623,
-9.2366

■ 55.5320, -0.2623,
-9.2366

■ 53.5100, -0.2514,
-12.7253

■ 57.5540, -0.2731,
-5.7479

■ 51.3740, -0.6774,
-16.1140

■ 59.6900, 0.1528,
-2.3591

■ 49.3520, -0.6665,
-19.6027

■ 61.7120, 0.1420,
1.1296

■ 47.3300, -0.6557,
-23.0914

■ 63.7340, 0.1311,
4.6183

■ 45.3080, -0.6448,
-26.5801

■ 66.0550, -0.0271,
8.7218

■ 42.8730, -0.9234,
-30.5836

■ 68.1910, 0.3988,
12.1105

■ 40.8510, -0.9125,
-34.0723

■ 70.2130, 0.3880,
15.5992

■ 40.1390, -1.0545,
-35.2019

■ 72.2350, 0.3771,
19.0879

■ 74.3710, 0.8031,
22.4766

Harmonies

Analogous

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



56.0550, -3.4781, -4.4332



55.5320, -0.2623, -9.2366



55.0200, 2.9481, -12.2955

Triad

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



55.5320, -0.2623, -9.2366



58.0690, 5.3890, -1.8145



58.5020, -4.6845, 9.2067

Complementary

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



55.5320, -0.2623, -9.2366



50.4680, 0.2623, 9.2366

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.



58.4960, -2.2165, 10.9660



55.5320, -0.2623, -9.2366



58.6460, 3.6255, 3.8185

Square

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



55.5320, -0.2623, -9.2366



56.8510, 5.9895, -7.7623



59.1690, 0.4097, 8.6218



57.5510, -5.6946, 6.5328

Rectangle

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



55.5320, -0.2623, -9.2366



55.7750, 4.5479, -12.0807



59.1690, 0.4097, 8.6218



58.3280, -4.1057, 10.2363

Sweetspot

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



55.5320, -0.2623, -9.2366



76.9780, 0.0108, -3.4887



56.1860, -5.5147, -4.5481



39.5760, -0.2840, -2.2592



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



55.5320, -0.2623, -9.2366



70.7980, -0.3934, -13.8548



55.0420, 2.9373, -8.8068



29.8750, -0.4314, -1.6444



61.9040, -1.4317, -54.2898



146.1600, -3.5299, -128.1823

Inverse Universe

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



50.4680, 0.2623, 9.2366



63.2020, 0.3934, 13.8548



50.9580, -2.9373, 8.8068



29.0110, -0.0054, 1.7444



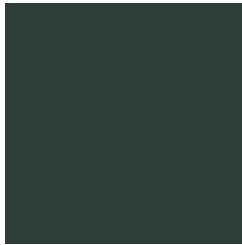
32.0960, 1.4317, 54.2898



75.8400, 3.5299, 128.1823

Previews

White Background



This preview shows how the YUV color 55.5320, -0.2623, -9.2366 looks on a white background.

Color Contrast Check

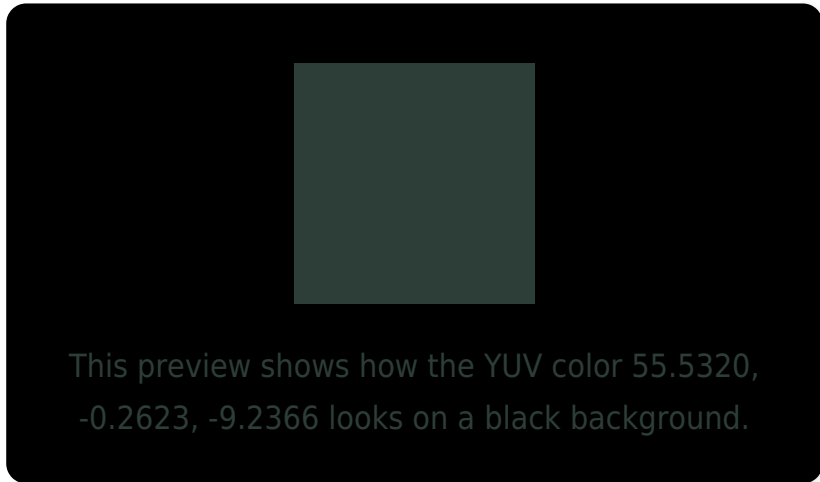
Large Text (above 18pt) WCAG AA ✓ Pass

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

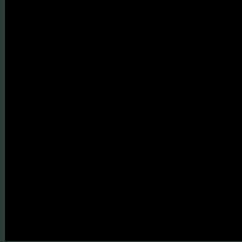
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.5320, -0.2623, -9.2366

Background



This preview shows how black text looks on a background with the YUV color 55.5320, -0.2623, -9.2366.



This preview shows how white text looks on a background with the YUV color 55.5320, -0.2623, -9.2366.

-9.2366.

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

55.5320, -0.2623, -9.2366

Protanopia

57.4410, -2.1894, 2.2442

Deuteranopia

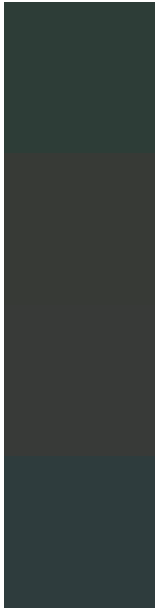
58.0930, -1.0318, 4.3034



Tritanopia

56.5690, 3.6635, -8.3920

Trichromacy



Original Color

55.5320, -0.2623, -9.2366

Protanomaly

56.6470, -1.3050, -1.4444

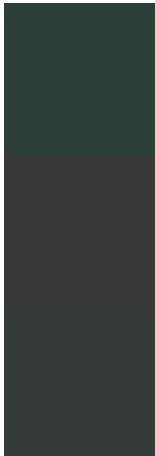
Deuteranomaly

57.1740, -0.5788, -1.0296

Tritanomaly

55.9280, 2.5005, -8.7069

Monochromacy



Original Color

55.5320, -0.2623, -9.2366

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.9780, 0.0108, -3.4887

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.5320, -0.2623, -9.2366 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(45, 61, 55)` looks like.

```
.text, #text, p{  
    color:rgb(45, 61, 55)  
}
```

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(45, 61, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 61, 55) }
```

Border

The CSS property to change the border of an element to YUV 55.5320, -0.2623, -9.2366 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(45, 61, 55) }
```


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

```
.border{ border-color:rgb(45, 61, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 61, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 61, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 61, 55);  
box-shadow:4px 4px 4px 4px rgb(45, 61, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.5320, -0.2623, -9.2366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 61, 55) }
```

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

```
.background{ background-color: rgb(45, 61,  
55) }
```

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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