

Converting Colors

YUV(25.5940, -4.2368, 5.6181)

Have a look what the booklet for
YUV(25.5940, -4.2368, 5.6181)
contains.

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Color

**YUV(25.5940, -4.2368,
5.6181)**

Conversions

Conversions Part 1

Format	Color
Hex	201811
RGB	32, 24, 17
RGB Percent	13%, 9%, 7%
CMY	0.8745, 0.9059, 0.9333
CMYK	0.00, 0.25, 0.47, 0.87
HSL	28°, 31%, 10%
HSV	28°, 47%, 13%
XYZ	1.0235, 1.0008, 0.6695
YIQ	25.5940, 7.0150, -0.4810

Conversions

Conversions Part 2

Format	Color
RYB	32, 30, 17
Decimal	2103313
CIELab	9.00, 2.66, 5.94
CIElCh	9, 6.506, 65.859
Yxy	1.0008, 0.3799, 0.3715
Android (android.graphics.Color)	4280293393 (0xFF201811)
YUV	25.5940, -4.2368, 5.6181
Hunter-Lab	10.0041, 0.7545, 3.0347

Details

The YUV color **25.5940, -4.2368, 5.6181** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **23.4060, 4.2368, -5.6181**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.7790, -4.8210, 6.3328**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.0780, -4.9685, 6.9476**, and if you desaturate by 10%, it is **27.1100, -3.5052, 4.2885**.

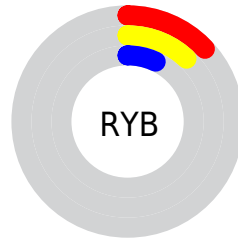
Distribution



Red (13%)

Green (9%)

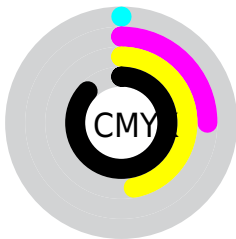
Blue (7%)



Red (13%)

Yellow (12%)

Blue (7%)



Cyan (0%)

Magenta (25%)

Yellow (47%)

Black (87%)



Cyan (87%)

Magenta (91%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.5940, -4.2368, 5.6181 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 25.5940, -4.2368, 5.6181 by changing the saturation by 10% instead.

■ 25.5940, -4.2368,
5.6181

■ 25.5940, -4.2368,
5.6181

■ 250.4690, -4.6682,
3.9737

■ 0.0000, 0.0000,
0.0000

■ 68.7790, -4.8210,
6.3328

■ 92.0780, -4.9685,
6.9476

■ 117.0780, -4.9685,
6.9476

■ 142.3770, -5.1159,
7.5624

■ 168.6760, -5.2633,
8.1771

■ 196.2630, -5.5527,

7.6623

■ 223.8610, -5.8475,
8.8919

■ 25.5940, -4.2368,
5.6181

■ 25.5940, -4.2368,
5.6181

■ 24.0780, -4.9685,
6.9476

■ 27.1100, -3.5052,
4.2885

■ 23.1490, -5.9895,
7.7623

■ 28.0390, -2.4842,
3.4738

■ 21.5190, -7.1579,
9.1918

■ 29.6690, -1.3158,
2.0443

■ 20.0030, -7.8895,
10.5214

■ 31.1850, -0.5842,
0.7148

■ 18.4870, -8.6211,
11.8509

■ 32.7010, 0.1474,
-0.6148

■ 18.3730, -9.0579,
11.9509

■ 33.6300, 1.1684,
-1.4295

■ 35.1460, 1.9000,
-2.7590

■ 36.7760, 3.0684,
-4.1886

■ 37.7050, 4.0894,
-5.0033

Harmonies

Analogous

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



25.9470, -2.9319, 7.0625



25.5940, -4.2368, 5.6181



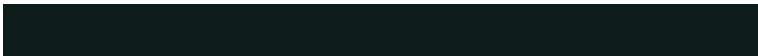
24.8710, -4.3734, 2.7441

Triad

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



25.5940, -4.2368, 5.6181



23.5860, 1.1901, -8.4069



25.9230, 3.4890, 0.9445

Complementary

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



25.5940, -4.2368, 5.6181



23.4060, 4.2368, -5.6181

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.



25.4170, 4.2314, -3.8737



25.5940, -4.2368, 5.6181



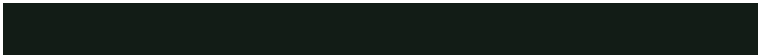
23.7430, 3.0847, -9.4216

Square

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



25.5940, -4.2368, 5.6181



24.3260, -1.1467, -5.5479



24.3950, 4.2423, -7.3624



26.3750, 1.2941, 4.9331

Rectangle

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



25.5940, -4.2368, 5.6181



24.6750, -3.7838, 0.2850



24.3950, 4.2423, -7.3624



25.9120, 3.4944, -0.7998

Sweetspot

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



25.5940, -4.2368, 5.6181



38.5550, -1.7526, 2.1443



22.3970, 1.2833, 8.4218



19.0710, -1.0210, 0.8147



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



25.5940, -4.2368, 5.6181



31.3340, -6.5737, 8.4771



30.2900, -6.5520, 1.4997



14.2990, -0.1474, 0.6148



45.3400, -22.3526, 29.5198



118.2450, -58.2948, 77.8381

Inverse Universe

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



23.4060, 4.2368, -5.6181



27.6660, 6.5737, -8.4771



19.2970, 6.2626, -2.0145



14.7010, 0.1474, -0.6148



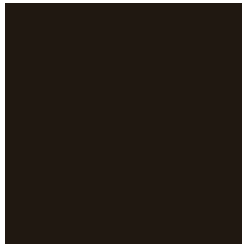
33.6600, 22.3526, -29.5198



88.1680, 58.5842, -77.3233

Previews

White Background



This preview shows how the YUV color 25.5940, -4.2368, 5.6181 looks on a white background.

Color Contrast Check

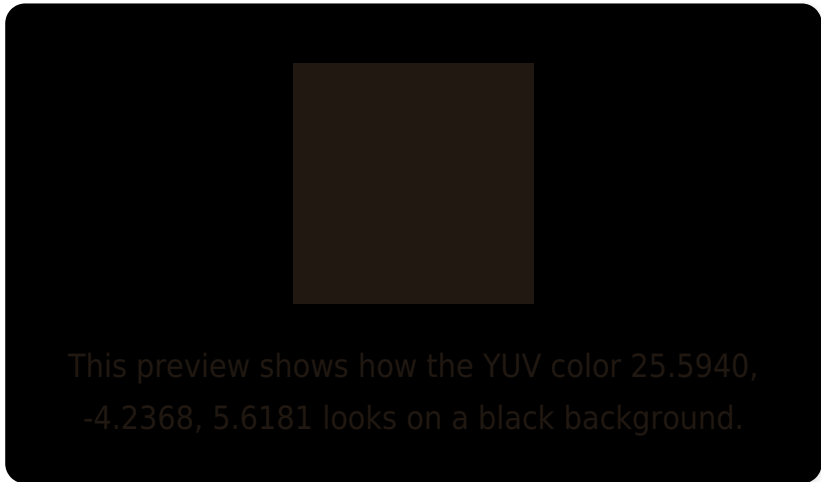
Large Text (above 18pt) WCAG AA ✓ Pass

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

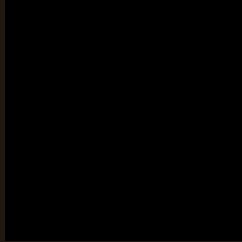
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.5940, -4.2368, 5.6181

Background



This preview shows how black text looks on a background with the YUV color 25.5940, -4.2368, 5.6181.



This preview shows how white text looks on a background with the YUV color 25.5940, -4.2368,

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

25.5940, -4.2368, 5.6181

Protanopia

25.6860, -3.7892, 2.0294

Deuteranopia

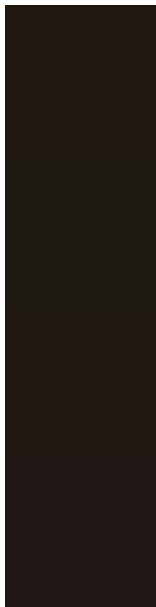
25.8820, -4.3788, 4.4885



Tritanopia

26.2180, -0.6005, 5.9478

Trichromacy



Original Color

25.5940, -4.2368, 5.6181

Protanomaly

25.3980, -3.6472, 3.1590

Deuteranomaly

25.8820, -4.3788, 4.4885

Tritanomaly

25.8760, -1.9109, 6.2477

Monochromacy



Original Color

25.5940, -4.2368, 5.6181

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

25.6690, -1.3158, 2.0443

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.5940, -4.2368, 5.6181 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(32, 24, 17)` looks like.

```
.text, #text, p{  
    color:rgb(32, 24, 17)  
}
```

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(32, 24, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 24, 17) }
```

Border

The CSS property to change the border of an element to YUV 25.5940, -4.2368, 5.6181 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(32, 24, 17) }
```


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

```
.border{ border-color:rgb(32, 24, 17) }
```

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

Here you see how a box with a 4 pixel rgb(32, 24, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 24, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 24, 17);  
box-shadow:4px 4px 4px 4px rgb(32, 24, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 25.5940, -4.2368, 5.6181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 24, 17) }
```

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

```
.background{ background-color: rgb(32, 24,  
17) }
```

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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