

Converting Colors

YUV(52.5340, -6.6723, -6.6073)

Have a look what the booklet for
YUV(52.5340, -6.6723, -6.6073)
contains.

YUV(52.5340, -6.6723, -6.6073)	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(52.5340, -6.6723,
-6.6073)**

Conversions

Conversions Part 1

Format	Color
Hex	2D3B27
RGB	45, 59, 39
RGB Percent	18%, 23%, 15%
CMY	0.8235, 0.7686, 0.8471
CMYK	0.24, 0.00, 0.34, 0.77
HSL	102°, 20%, 19%
HSV	102°, 34%, 23%
XYZ	3.0124, 3.8323, 2.5004
YIQ	52.5340, -1.9240, -9.1880

Conversions

Conversions Part 2

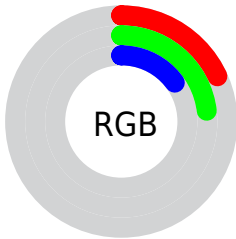
Format	Color
RYB	39, 59, 53
Decimal	2964263
CIELab	23.11, -10.34, 10.58
CIELCh	23, 14.797, 134.344
Yxy	3.8323, 0.3223, 0.4101
Android (android.graphics.Color)	4281154343 (0xFF2D3B27)
YUV	52.5340, -6.6723, -6.6073
Hunter-Lab	19.5763, -6.7912, 6.1305

Details

The YUV color **52.5340, -6.6723, -6.6073** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45.4660, 6.6723, 6.6073**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.0070, -7.3985, -7.0221**, and **9.9790, -4.9196, -8.7516** is the 20% darker color. If you saturate the color by 10%, you get **50.6540, -8.7034, -8.4666**, and if you desaturate by 10%, it is **54.4140, -4.6411, -4.7481**.

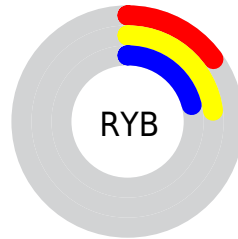
Distribution



Red (18%)

Green (23%)

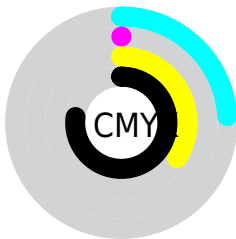
Blue (15%)



Red (15%)

Yellow (23%)

Blue (21%)

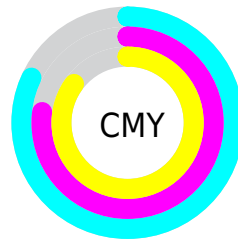


Cyan (24%)

Magenta (0%)

Yellow (34%)

Black (77%)



Cyan (82%)

Magenta (77%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.5340, -6.6723, -6.6073 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 52.5340, -6.6723, -6.6073 by changing the saturation by 10% instead.

■ 52.5340, -6.6723,
-6.6073

■ 52.5340, -6.6723,
-6.6073

255.0000, 0.0000,
0.0000

■ 31.0610, -5.9461,
-6.1925

■ 99.0070, -7.3985,
-7.0221

■ 9.9790, -4.9196,
-8.7516

■ 123.8930, -7.8352,
-6.9222

■ 0.0000, 0.0000,
0.0000

■ 150.1810, -7.9772,
-8.0517

■ 176.4800, -8.1246,
-7.4370

■ 204.0670, -8.4140,
-7.9518

■ 232.6540, -8.7034,

-8.4666

■ 252.7350, -4.7994,
-0.6446

■ 52.5340, -6.6723,
-6.6073

■ 52.5340, -6.6723,
-6.6073

■ 50.6540, -8.7034,
-8.4666

■ 54.4140, -4.6411,
-4.7481

■ 48.7740, -10.7346,
-10.3258

■ 56.2940, -2.6099,
-2.8888

■ 46.8940, -12.7657,
-12.1850

■ 58.1740, -0.5788,
-1.0296

■ 44.7150, -14.6495,
-14.6591

■ 60.3530, 1.3050,
1.4444

■ 42.9490, -16.2439,
-16.6183

■ 62.2330, 3.3361,
3.3037

■ 41.0690, -18.2750,
-18.4775

■ 63.9990, 4.9305,
5.2629

■ 40.0150, -19.7274,
-19.3072

■ 65.8790, 6.9617,
7.1221

■ 67.7590, 8.9928,
8.9814

■ 69.6390, 11.0240,
10.8406

Harmonies

Analogous

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



53.7910, -9.7570, 2.8143



52.5340, -6.6723, -6.6073



50.9610, -0.9668, -16.6288

Triad

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



52.5340, -6.6723, -6.6073



51.9790, 11.8424, -18.3986



56.3120, -3.1118, 18.1434

Complementary

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



52.5340, -6.6723, -6.6073



45.4660, 6.6723, 6.6073

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.



56.3700, 2.2826, 14.5845



52.5340, -6.6723, -6.6073



54.7140, 10.4940, -5.8882

Square

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



52.5340, -6.6723, -6.6073



48.8810, 10.4117, -26.2056



56.2810, 7.2565, 5.8926



55.7480, -7.7638, 16.8840

Rectangle

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



52.5340, -6.6723, -6.6073



49.3670, 3.2701, -22.2469



56.2810, 7.2565, 5.8926



56.4690, -1.2172, 17.1287

Sweetspot

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



52.5340, -6.6723, -6.6073



74.2940, -2.6099, -2.8888



53.1980, -6.9996, 5.0884



36.6470, -1.3050, -1.4444



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



52.5340, -6.6723, -6.6073



66.7740, -10.7346, -10.3258



51.1960, -4.0406, -10.6959



29.7610, -0.8682, -1.5444



63.5500, -31.3301, -31.1773



150.3470, -74.1211, -73.0953

Inverse Universe

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



45.4660, 6.6723, 6.6073



55.2260, 10.7346, 10.3258



46.8040, 4.0406, 10.6959



28.9400, 1.0156, 0.9296



30.4500, 31.3301, 31.1773



71.6530, 74.1211, 73.0953

Previews

White Background



This preview shows how the YUV color 52.5340, -6.6723, -6.6073 looks on a white background.

Color Contrast Check

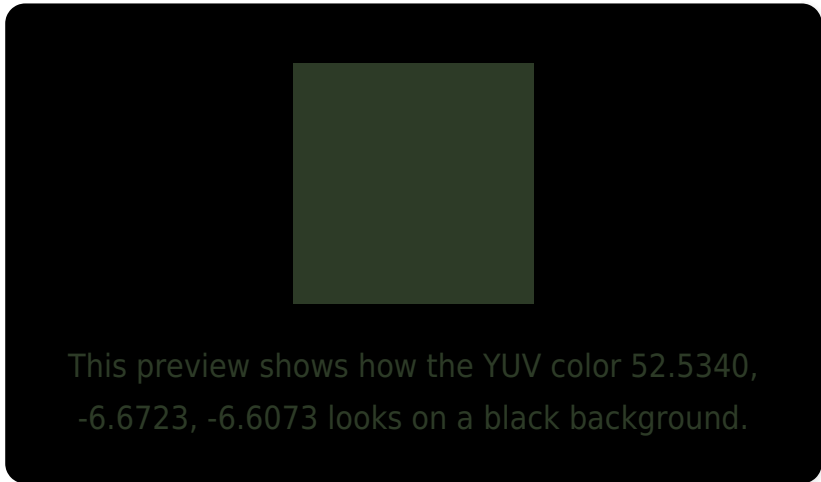
Large Text (above 18pt) WCAG AA ✓ Pass

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

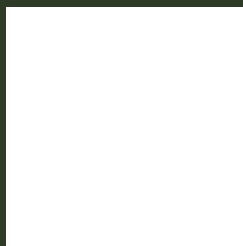
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 52.5340, -6.6723, -6.6073

Background



This preview shows how black text looks on a background with the YUV color 52.5340, -6.6723, -6.6073.



This preview shows how white text looks on a background with the YUV color 52.5340, -6.6723, -6.6073.

-6.6073.

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

52.5340, -6.6723, -6.6073

Protanopia

54.4430, -8.5994, 4.8735

Deuteranopia

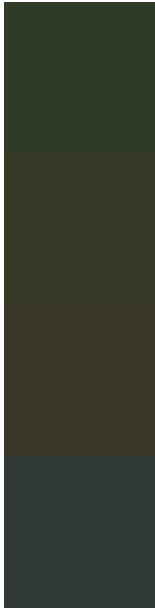
55.1060, -7.4473, 8.6770



Tritanopia

54.4770, 3.2158, -4.8033

Trichromacy



Original Color

52.5340, -6.6723, -6.6073

Protanomaly

53.6490, -7.7150, 1.1848

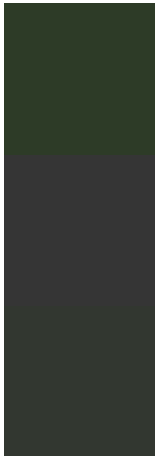
Deuteranomaly

54.1870, -6.9942, 3.3440

Tritanomaly

53.8530, -0.4205, -5.1331

Monochromacy



Original Color

52.5340, -6.6723, -6.6073

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.7070, -2.3206, -2.3740

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.5340, -6.6723, -6.6073 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, 59, 39)` looks like.

```
.text, #text, p{  
    color:rgb(45, 59, 39)  
}
```

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, 59, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 59, 39) }
```

Border

The CSS property to change the border of an element to YUV 52.5340, -6.6723, -6.6073 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, 59, 39) }
```


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

```
.border{ border-color:rgb(45, 59, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 59, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 59, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 59, 39);  
box-shadow:4px 4px 4px 4px rgb(45, 59, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.5340, -6.6723, -6.6073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 59, 39) }
```

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

```
.background{ background-color: rgb(45, 59,  
39) }
```

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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