

Converting Colors

YUV(52.7280, -0.8519, -6.7775)

Have a look what the booklet for
YUV(52.7280, -0.8519, -6.7775)
contains.

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Color

**YUV(52.7280, -0.8519,
-6.7775)**

Conversions

Conversions Part 1

Format	Color
Hex	2D3933
RGB	45, 57, 51
RGB Percent	18%, 22%, 20%
CMY	0.8235, 0.7765, 0.8000
CMYK	0.21, 0.00, 0.11, 0.78
HSL	150°, 12%, 20%
HSV	150°, 21%, 22%
XYZ	3.1429, 3.7232, 3.6850
YIQ	52.7280, -5.2260, -4.4100

Conversions

Conversions Part 2

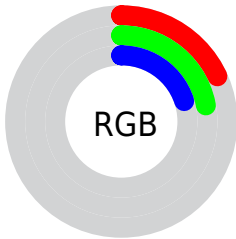
Format	Color
R_{YB}	45, 53, 57
Decimal	2963763
CIE Lab	22.73, -6.47, 2.09
CIE LCh	23, 6.803, 162.103
Yxy	3.7232, 0.2979, 0.3529
Android (android.graphics.Color)	4281153843 (0xFF2D3933)
YUV	52.7280, -0.8519, -6.7775
Hunter-Lab	19.2955, -4.6930, 2.1839

Details

The YUV color **52.7280, -0.8519, -6.7775** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.2720, 0.8519, 6.7775**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.3150, -1.1413, -7.2923**, and **8.7880, -1.8675, -7.7071** is the 20% darker color. If you saturate the color by 10%, you get **50.5920, -1.2779, -10.1662**, and if you desaturate by 10%, it is **54.8640, -0.4260, -3.3887**.

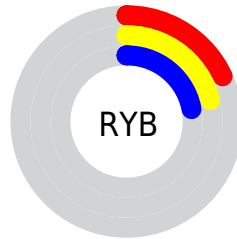
Distribution



Red (18%)

Green (22%)

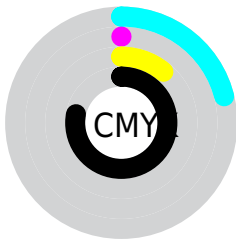
Blue (20%)



Red (18%)

Yellow (21%)

Blue (22%)

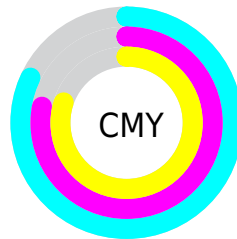


Cyan (21%)

Magenta (0%)

Yellow (11%)

Black (78%)



Cyan (82%)

Magenta (78%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.7280, -0.8519, -6.7775 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 52.7280, -0.8519, -6.7775 by changing the saturation by 10% instead.

■ 52.7280, -0.8519,
-6.7775

■ 52.7280, -0.8519,
-6.7775

255.0000, 0.0000,
0.0000

■ 31.1410, -0.5625,
-6.2627

■ 99.3150, -1.1413,
-7.2923

■ 8.7880, -1.8675,
-7.7071

■ 124.0160, -0.9939,
-7.9070

■ 0.0000, 0.0000,
0.0000

■ 150.0160, -0.9939,
-7.9070

■ 176.6030, -1.2833,
-8.4218

■ 204.6030, -1.2833,
-8.4218

■ 232.6030, -1.2833,

-8.4218

253.8040, 0.5896,
-2.4591

■ 52.7280, -0.8519,
-6.7775

■ 52.7280, -0.8519,
-6.7775

■ 50.5920, -1.2779,
-10.1662

■ 54.8640, -0.4260,
-3.3887

■ 48.7550, -1.8512,
-12.9401

■ 56.7010, 0.1474,
-0.6148

■ 46.6190, -2.2772,
-16.3289

■ 58.8370, 0.5734,
2.7740

■ 44.5970, -2.2663,
-19.8176

■ 60.8590, 0.5625,
6.2627

■ 42.7600, -2.8397,
-22.5915

■ 62.9950, 0.9885,
9.6514

■ 40.6240, -3.2656,
-25.9802

■ 64.8320, 1.5618,
12.4253

■ 38.4880, -3.6916,
-29.3690

■ 66.9680, 1.9878,
15.8141

■ 36.7650, -3.8281,
-32.2429

■ 69.1040, 2.4137,
19.2028

■ 70.9410, 2.9871,
21.9767

Harmonies

Analogous

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



53.1800, -3.0467, -2.7889



52.7280, -0.8519, -6.7775



52.4010, 1.7743, -9.1217

Triad

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



52.7280, -0.8519, -6.7775



54.2430, 4.8102, -2.8441



54.5450, -3.2267, 8.2920

Complementary

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



52.7280, -0.8519, -6.7775



49.2720, 0.8519, 6.7775

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.



55.3000, -1.6269, 8.5069



52.7280, -0.8519, -6.7775



54.9340, 3.4835, 2.6889

Square

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



52.7280, -0.8519, -6.7775



53.6230, 5.1159, -7.5624



55.3860, 1.2887, 6.6775



54.4800, -4.6736, 5.7180

Rectangle

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



52.7280, -0.8519, -6.7775



52.4440, 3.2321, -10.0364



55.3860, 1.2887, 6.6775



54.9580, -2.9373, 8.8068

Sweetspot

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



52.7280, -0.8519, -6.7775



72.5760, -0.2840, -2.2592



53.8380, -4.3571, -2.4889



37.2880, -0.1420, -1.1296



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.



52.7280, -0.8519, -6.7775



67.2930, -1.1304, -10.7810



53.4120, 1.7689, -7.3773



26.9890, 0.0054, -1.7444



59.2480, -6.5313, -51.9605



141.0930, -15.3288, -123.7386

Inverse Universe

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



49.2720, 0.8519, 6.7775



61.8210, 1.5672, 10.6810



48.5880, -1.7689, 7.3773



26.1250, 0.4314, 1.6444



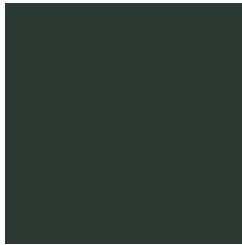
32.7520, 6.5313, 51.9605



78.0210, 15.7656, 123.6386

Previews

White Background



This preview shows how the YUV color 52.7280, -0.8519, -6.7775 looks on a white background.

Color Contrast Check

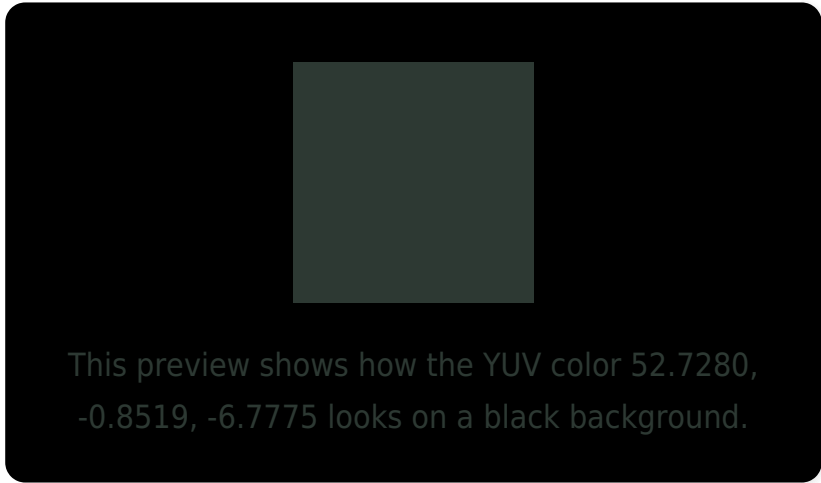
Large Text (above 18pt) WCAG AA ✓ Pass

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

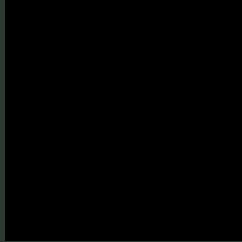
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.7280, -0.8519, -6.7775

Background



This preview shows how black text looks on a background with the YUV color 52.7280, -0.8519, -6.7775.



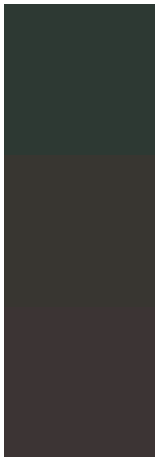
This preview shows how white text looks on a background with the YUV color 52.7280, -0.8519,

-6.7775.

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

52.7280, -0.8519, -6.7775

Protanopia

54.0280, -2.4788, 1.7294

Deuteranopia

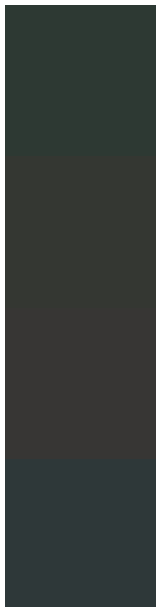
54.3920, -1.1793, 4.9182



Tritanopia

53.7650, 3.0739, -5.9329

Trichromacy



Original Color

52.7280, -0.8519, -6.7775

Protanomaly

53.5330, -1.7418, -1.3444

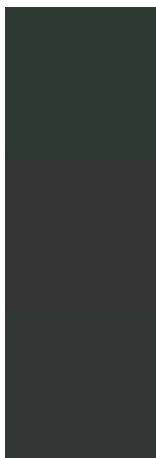
Deuteranomaly

54.0710, -1.0210, 0.8147

Tritanomaly

53.1240, 1.9109, -6.2477

Monochromacy



Original Color

52.7280, -0.8519, -6.7775

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.5760, -0.2840, -2.2592

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.7280, -0.8519, -6.7775 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, 57, 51)` looks like.

```
.text, #text, p{  
    color:rgb(45, 57, 51)  
}
```

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, 57, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 57, 51) }
```

Border

The CSS property to change the border of an element to YUV 52.7280, -0.8519, -6.7775 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, 57, 51) }
```


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

```
.border{ border-color:rgb(45, 57, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 57, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 57, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 57, 51);  
box-shadow:4px 4px 4px 4px rgb(45, 57, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.7280, -0.8519, -6.7775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 57, 51) }
```

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

```
.background{ background-color: rgb(45, 57,  
51) }
```

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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