

Converting Colors

YUV(52.6400, 2.6425, -7.5773)

Have a look what the booklet for
YUV(52.6400, 2.6425, -7.5773)
contains.

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Color

**YUV(52.6400, 2.6425,
-7.5773)**

Conversions

Conversions Part 1

Format	Color
Hex	2C383A
RGB	44, 56, 58
RGB Percent	17%, 22%, 23%
CMY	0.8275, 0.7804, 0.7725
CMYK	0.24, 0.03, 0.00, 0.77
HSL	189°, 14%, 20%
HSV	189°, 24%, 23%
XYZ	3.2166, 3.6693, 4.5417
YIQ	52.6400, -7.7940, -1.9220

Conversions

Conversions Part 2

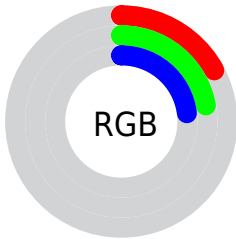
Format	Color
R_{YB}	44, 50, 58
Decimal	2897978
CIE Lab	22.55, -4.42, -2.90
CIE LCh	23, 5.287, 213.286
Yxy	3.6693, 0.2815, 0.3211
Android (android.graphics.Color)	4281088058 (0xFF2C383A)
YUV	52.6400, 2.6425, -7.5773
Hunter-Lab	19.1554, -3.5481, -0.6487

Details

The YUV color **52.6400, 2.6425, -7.5773** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.3600, -2.6425, 7.5773**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.3410, 2.7899, -8.1921**, and **9.3410, 2.7899, -8.1921** is the 20% darker color. If you saturate the color by 10%, you get **50.2590, 3.8163, -10.7511**, and if you desaturate by 10%, it is **55.0210, 1.4686, -4.4034**.

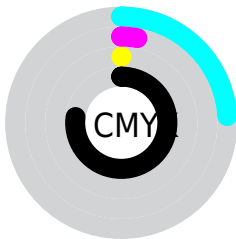
Distribution



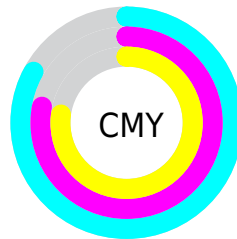
- Red (17%)
- Green (22%)
- Blue (23%)



- Red (17%)
- Yellow (20%)
- Blue (23%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (77%)



- Cyan (83%)
- Magenta (78%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.6400, 2.6425, -7.5773 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 52.6400, 2.6425, -7.5773 by changing the saturation by 10% instead.

■ 52.6400, 2.6425,
-7.5773

■ 52.6400, 2.6425,
-7.5773

■ 255.0000, 0.0000,
0.0000

■ 31.5260, 2.2057,
-7.4773

■ 99.3410, 2.7899,
-8.1921

■ 9.3410, 2.7899,
-8.1921

■ 124.0420, 2.9373,
-8.8068

■ 0.0000, 0.0000,
0.0000

■ 150.0420, 2.9373,
-8.8068

■ 176.7430, 3.0847,
-9.4216

■ 204.1560, 3.3741,
-8.9068

■ 232.1560, 3.3741,

-8.9068

253.5050, 0.7370,
-3.0739

52.6400, 2.6425,
-7.5773

52.6400, 2.6425,
-7.5773

50.2590, 3.8163,
-10.7511

55.0210, 1.4686,
-4.4034

47.8780, 4.9901,
-13.9250

57.4020, 0.2948,
-1.2296

46.3830, 5.7272,
-16.9989

58.8970, -0.4422,
1.8443

44.0020, 6.9010,
-20.1728

61.2780, -1.6161,
5.0182

41.6210, 8.0748,
-23.3466

63.6590, -2.7899,
8.1921

■ 39.2400, 9.2487,
-26.5205

■ 66.0400, -3.9637,
11.3659

■ 36.8590, 10.4225,
-29.6943

■ 68.4210, -5.1376,
14.5398

■ 35.9620, 10.8647,
-31.5387

■ 70.5030, -6.1640,
17.0989

■ 72.2970, -7.0484,
20.7875

Harmonies

Analogous

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



52.4830, 0.7479, -6.5626



52.6400, 2.6425, -7.5773



52.9930, 3.9475, -6.1329

Triad

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



52.6400, 2.6425, -7.5773



54.6630, 1.1521, 3.8035



53.9850, -3.9366, 2.6442

Complementary

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



52.6400, 2.6425, -7.5773



49.3600, -2.6425, 7.5773

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.



53.8220, -3.3632, 5.4181



52.6400, 2.6425, -7.5773



54.6310, -0.3111, 6.4626

Square

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



52.6400, 2.6425, -7.5773



54.3960, 2.7628, 0.5297



54.7620, -2.3477, 6.3477



53.1910, -3.0522, -1.0445

Rectangle

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



52.6400, 2.6425, -7.5773



53.4170, 4.2314, -3.8737



54.7620, -2.3477, 6.3477



53.6970, -3.7946, 3.7737

Sweetspot

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



52.6400, 2.6425, -7.5773



74.6190, 1.1738, -3.1739



52.4460, -3.1779, -7.4071



37.1030, 0.4422, -1.8443



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.



52.6400, 2.6425, -7.5773



67.7750, 4.5479, -12.0807



48.5310, 4.6682, -3.9737



27.1030, 0.4422, -1.8443



56.8610, 17.3235, -49.8671



135.3220, 41.2533, -118.6774

Inverse Universe

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



49.5540, 3.1779, 7.4071



63.0430, 4.9088, 12.2403



53.4690, -4.6682, 3.9737



26.2390, 0.8682, 1.5444



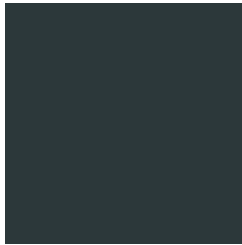
36.5140, 20.9456, 48.6612



86.9130, 49.8359, 115.8403

Previews

White Background



This preview shows how the YUV color 52.6400, 2.6425, -7.5773 looks on a white background.

Color Contrast Check

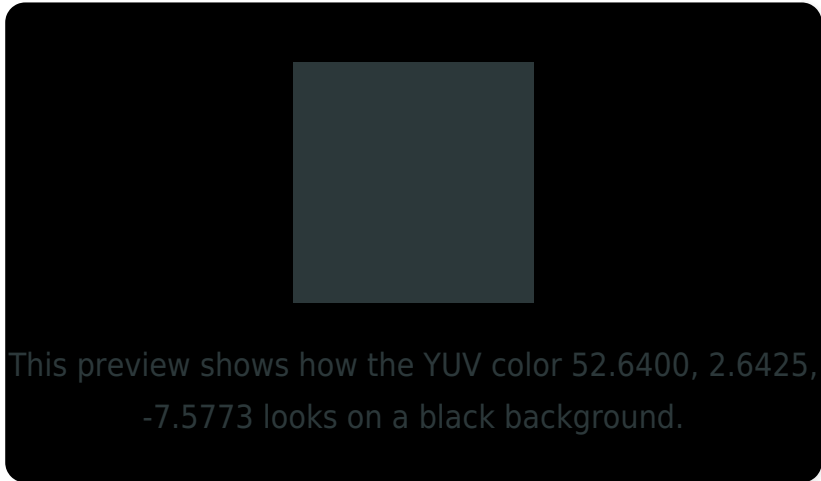
Large Text (above 18pt) WCAG AA ✓ Pass

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

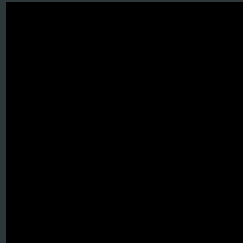
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

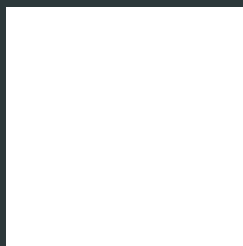
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 52.6400, 2.6425, -7.5773

Background



This preview shows how black text looks on a background with the YUV color 52.6400, 2.6425, -7.5773.



This preview shows how white text looks on a background with the YUV color 52.6400, 2.6425, -7.5773.

-7.5773.

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

52.6400, 2.6425, -7.5773

Protanopia

53.6410, 1.1630, 0.3148

Deuteranopia

54.2930, 2.3206, 2.3740



Tritanopia

52.8680, 3.5161, -7.7772

Trichromacy



Original Color

52.6400, 2.6425, -7.5773

Protanomaly

53.1460, 1.9000, -2.7590

Deuteranomaly

53.3850, 2.7682, -1.2146

Tritanomaly

52.7540, 3.0793, -7.6773

Monochromacy



Original Color

52.6400, 2.6425, -7.5773

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.9180, 1.0264, -2.5591

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.6400, 2.6425, -7.5773 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(44, 56, 58)` looks like.

```
.text, #text, p{  
    color:rgb(44, 56, 58)  
}
```

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(44, 56, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 56, 58) }
```

Border

The CSS property to change the border of an element to YUV 52.6400, 2.6425, -7.5773 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(44, 56, 58) }
```


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

```
.border{ border-color:rgb(44, 56, 58) }
```

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

Here you see how a box with a 4 pixel rgb(44, 56, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 56, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 56, 58);  
box-shadow:4px 4px 4px 4px rgb(44, 56, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.6400, 2.6425, -7.5773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 56, 58) }
```

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

```
.background{ background-color: rgb(44, 56,  
58) }
```

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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