

Converting Colors

YUV(56.1280, 5.8529, -10.6363)

Have a look what the booklet for
YUV(56.1280, 5.8529, -10.6363)
contains.

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Color

**YUV(56.1280, 5.8529,
-10.6363)**

Conversions

Conversions Part 1

Format	Color
Hex	2C3C44
RGB	44, 60, 68
RGB Percent	17%, 24%, 27%
CMY	0.8275, 0.7647, 0.7333
CMYK	0.35, 0.12, 0.00, 0.73
HSL	200°, 21%, 22%
HSV	200°, 35%, 27%
XYZ	3.6980, 4.1845, 6.0816
YIQ	56.1280, -12.1040, -0.9040

Conversions

Conversions Part 2

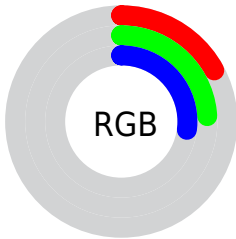
Format	Color
RYB	44, 54, 68
Decimal	2899012
CIELab	24.27, -4.16, -7.02
CIELCh	24, 8.158, 239.318
Yxy	4.1845, 0.2648, 0.2997
Android (android.graphics.Color)	4281089092 (0xFF2C3C44)
YUV	56.1280, 5.8529, -10.6363
Hunter-Lab	20.4562, -3.5300, -3.3077

Details

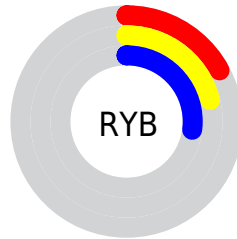
The YUV color **56.1280, 5.8529, -10.6363** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **55.8720, -5.8529, 10.6363**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.9430, 6.4371, -11.3510**, and **13.4160, 5.7109, -11.7658** is the 20% darker color. If you saturate the color by 10%, you get **52.8610, 7.4635, -13.9101**, and if you desaturate by 10%, it is **59.3950, 4.2423, -7.3624**.

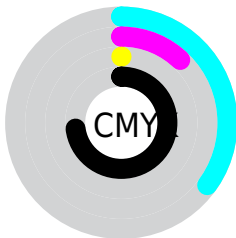
Distribution



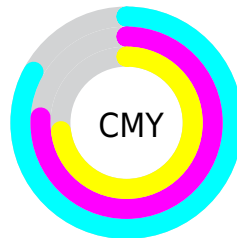
- Red (17%)
- Green (24%)
- Blue (27%)



- Red (17%)
- Yellow (21%)
- Blue (27%)



- Cyan (35%)
- Magenta (12%)
- Yellow (0%)
- Black (73%)



- Cyan (83%)
- Magenta (76%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.1280, 5.8529, -10.6363 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 56.1280, 5.8529, -10.6363 by changing the saturation by 10% instead.

■ 56.1280, 5.8529,
-10.6363

■ 56.1280, 5.8529,
-10.6363

■ 255.0000, 0.0000,
0.0000

■ 34.1280, 5.8529,
-10.6363

■ 102.9430, 6.4371,
-11.3510

■ 13.4160, 5.7109,
-11.7658

■ 128.0570, 6.8739,
-11.4510

■ 0.0000, 0.0000,
0.0000

■ 154.6440, 6.5845,
-11.9658

■ 181.6440, 6.5845,
-11.9658

■ 208.7580, 7.0213,
-12.0658

■ 237.4590, 7.1687,

-12.6805

253.8040, 0.5896,
-2.4591

■ 56.1280, 5.8529,
-10.6363

■ 56.1280, 5.8529,
-10.6363

■ 52.8610, 7.4635,
-13.9101

■ 59.3950, 4.2423,
-7.3624

■ 49.0070, 9.3635,
-16.6691

■ 63.2490, 2.3422,
-4.6034

■ 46.0390, 10.8268,
-19.3282

■ 66.2170, 0.8790,
-1.9443

■ 42.7720, 12.4374,
-22.6020

■ 69.4840, -0.7316,
1.3295

■ 39.5050, 14.0480,
-25.8759

■ 72.7510, -2.3422,
4.6034

■ 35.6510, 15.9481,
-28.6349

■ 76.6050, -4.2423,
7.3624

■ 34.1670, 16.6797,
-29.9645

■ 79.8720, -5.8529,
10.6363

■ 82.8400, -7.3161,
13.2953

■ 86.1070, -8.9268,
16.5692

Harmonies

Analogous

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



55.2480, 3.8217, -12.4955



56.1280, 5.8529, -10.6363



57.2750, 6.2734, -5.5032

Triad

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



56.1280, 5.8529, -10.6363



58.6530, -0.3219, 9.9513



56.7350, -4.7994, -0.6446

Complementary

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



56.1280, 5.8529, -10.6363



55.8720, -5.8529, 10.6363

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.



57.5400, -5.6892, 4.7884



56.1280, 5.8529, -10.6363



58.5560, -3.2321, 10.0364

Square

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



56.1280, 5.8529, -10.6363



58.7280, 2.5991, 6.3775



57.9750, -5.4107, 8.7919



56.2720, -2.5991, -6.3775

Rectangle

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



56.1280, 5.8529, -10.6363



58.0690, 5.3890, -1.8145



57.9750, -5.4107, 8.7919



57.2190, -5.5310, 0.6849

Sweetspot

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



56.1280, 5.8529, -10.6363



84.2490, 2.3422, -4.6034



59.0000, -3.4510, -13.1550



43.0320, 1.4632, -2.6591



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



56.1280, 5.8529, -10.6363



70.8930, 8.9268, -16.5692



49.0840, 9.3256, -4.4587



31.5160, 0.7316, -1.3295



49.2130, 23.5590, -43.1598



113.5860, 54.4341, -99.6149

Inverse Universe

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



53.0000, 3.4510, 13.1550



65.9130, 5.4659, 20.2473



62.9160, -9.3256, 4.4587



31.1250, 0.4314, 1.6444



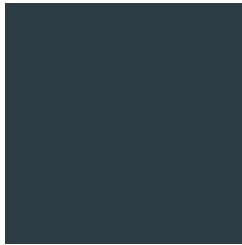
36.4130, 14.0934, 53.1348



84.0760, 32.5005, 122.7133

Previews

White Background



This preview shows how the YUV color 56.1280, 5.8529, -10.6363 looks on a white background.

Color Contrast Check

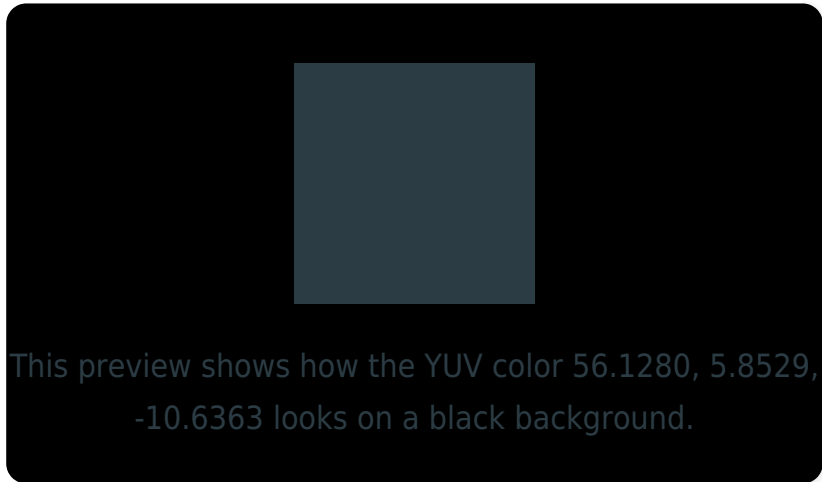
Large Text (above 18pt) WCAG AA ✓ Pass

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

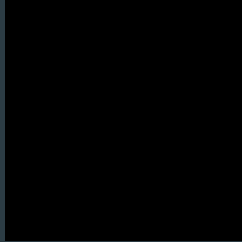
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.1280, 5.8529, -10.6363

Background



This preview shows how black text looks on a background with the YUV color 56.1280, 5.8529, -10.6363.



This preview shows how white text looks on a background with the YUV color 56.1280, 5.8529, -10.6363.

-10.6363.

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

56.1280, 5.8529, -10.6363

Protanopia

57.7270, 4.0786, -1.5146

Deuteranopia

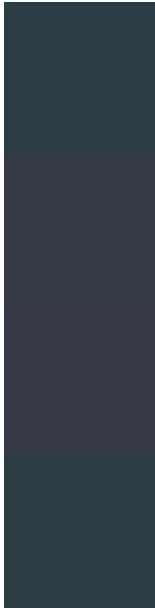
58.0800, 5.3836, -0.0702



Tritanopia

55.4870, 4.6899, -10.9511

Trichromacy



Original Color

56.1280, 5.8529, -10.6363

Protanomaly

57.2320, 4.8156, -4.5885

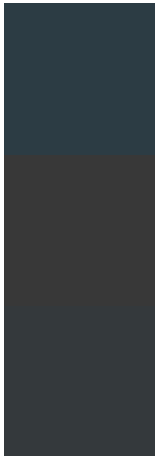
Deuteranomaly

57.1720, 5.8312, -3.6588

Tritanomaly

55.6010, 5.1267, -11.0511

Monochromacy



Original Color

56.1280, 5.8529, -10.6363

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.8470, 2.0474, -3.3738

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.1280, 5.8529, -10.6363 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, 60, 68)` looks like.

```
.text, #text, p{  
    color:rgb(44, 60, 68)  
}
```

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, 60, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 60, 68) }
```

Border

The CSS property to change the border of an element to YUV 56.1280, 5.8529, -10.6363 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, 60, 68) }
```


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

```
.border{ border-color:rgb(44, 60, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 60, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 60, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 60, 68);  
box-shadow:4px 4px 4px 4px rgb(44, 60, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.1280, 5.8529, -10.6363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 60, 68) }
```

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

```
.background{ background-color: rgb(44, 60,  
68) }
```

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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