

# Converting Colors

YUV(56.3720, 5.7326, -18.7432)

Have a look what the booklet for  
YUV(56.3720, 5.7326, -18.7432)  
contains.

<b>YUV(56.3720, 5.7326, -18.7432)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(56.3720, 5.7326,  
-18.7432)**

# Conversions

## Conversions Part 1

Format	Color
Hex	234144
RGB	35, 65, 68
RGB Percent	14%, 25%, 27%
CMY	0.8627, 0.7451, 0.7333
CMYK	0.49, 0.04, 0.00, 0.73
HSL	185°, 32%, 20%
HSV	185°, 49%, 27%
XYZ	3.6268, 4.5553, 6.1569
YIQ	56.3720, -18.8430, -5.4270

# Conversions

## Conversions Part 2

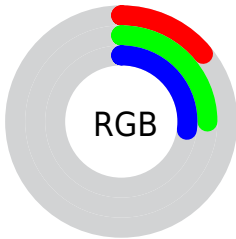
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 51, 68
Decimal	2310468
CIELab	25.43, -10.24, -5.34
CIELCh	25, 11.546, 207.534
Yxy	4.5553, 0.2529, 0.3177
Android (android.graphics.Color)	4280500548 (0xFF234144)
YUV	56.3720, 5.7326, -18.7432
Hunter-Lab	21.3431, -7.0180, -2.1635

# Details

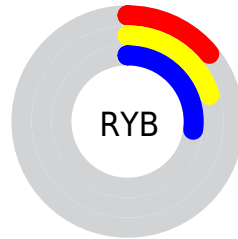
The YUV color **56.3720, 5.7326, -18.7432** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **46.6280, -5.7326, 18.7432**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.0730, 5.8800, -19.3580**, and **16.3510, 4.2640, -14.3398** is the 20% darker color. If you saturate the color by 10%, you get **53.6920, 7.0538, -22.5319**, and if you desaturate by 10%, it is **59.0520, 4.4114, -14.9546**.

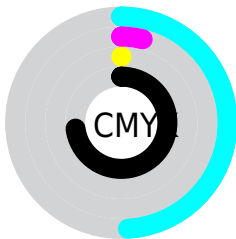
# Distribution



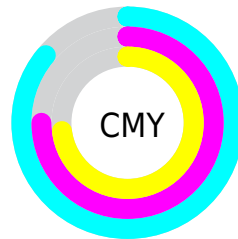
- Red (14%)
- Green (25%)
- Blue (27%)



- Red (14%)
- Yellow (20%)
- Blue (27%)



- Cyan (49%)
- Magenta (4%)
- Yellow (0%)
- Black (73%)



- Cyan (86%)
- Magenta (75%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 56.3720, 5.7326, -18.7432 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 56.3720, 5.7326, -18.7432 by changing the saturation by 10% instead.



■ 56.3720, 5.7326,  
-18.7432

■ 56.3720, 5.7326,  
-18.7432

■ 255.0000, 0.0000,  
0.0000

■ 33.7740, 6.0274,  
-19.9728

■ 104.0730, 5.8800,  
-19.3580

■ 16.3510, 4.2640,  
-14.3398

■ 129.1870, 6.3168,  
-19.4580

■ 0.0000, 0.0000,  
0.0000

■ 155.7740, 6.0274,  
-19.9728

■ 182.4750, 6.1748,  
-20.5876

■ 210.1760, 6.3222,  
-21.2024

■ 238.2900, 6.7590,

-21.3023

251.4120, 1.7689,  
-7.3773

56.3720, 5.7326,  
-18.7432

56.3720, 5.7326,  
-18.7432

53.6920, 7.0538,  
-22.5319

59.0520, 4.4114,  
-14.9546

51.5990, 8.0857,  
-26.8353

61.1450, 3.3795,  
-10.6512

49.2180, 9.2595,  
-30.0092

63.5260, 2.2057,  
-7.4773

47.1250, 10.2914,  
-34.3126

65.6190, 1.1738,  
-3.1739

44.4450, 11.6126,  
-38.1013

68.2990, -0.1474,  
0.6148

■ 44.1460, 11.7600,  
-38.7160

■ 70.9790, -1.4686,  
4.4034

■ 73.0720, -2.5005,  
8.7069

■ 75.4530, -3.6743,  
11.8807

■ 78.1330, -4.9956,  
15.6694

# Harmonies

## Analogous

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



56.5420, 1.2118, -15.3843



56.3720, 5.7326, -18.7432



57.7790, 8.4900, -16.4692

# Triad

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



56.3720, 5.7326, -18.7432



62.0810, 3.9041, 7.8220



59.5680, -8.1680, 6.5179

# Complementary

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



56.3720, 5.7326, -18.7432



46.6280, -5.7326, 18.7432

# 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.



61.1280, -7.4581, 12.1657



56.3720, 5.7326, -18.7432



61.6750, -0.3328, 13.4400

# Square

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



56.3720, 5.7326, -18.7432



60.9490, 7.4201, 0.0447



61.0620, -3.9746, 14.8546



58.8660, -6.8359, -0.7595



# Rectangle

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



56.3720, 5.7326, -18.7432



58.6270, 9.0579, -11.9509



61.0620, -3.9746, 14.8546



59.8780, -8.3209, 8.8770

# Sweetspot

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



56.3720, 5.7326, -18.7432



84.5260, 2.2057, -7.4773



54.7130, -8.2395, -17.2883



43.0210, 1.4686, -4.4034



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.



56.3720, 5.7326, -18.7432



71.1040, 8.8227, -29.9092



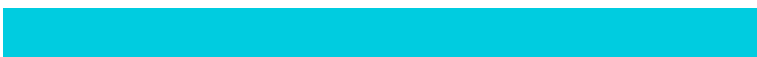
46.9800, 10.3629, -10.5065



32.1030, 0.4422, -1.8443



62.7140, 16.9030, -55.0002



145.2840, 38.8070, -127.4141



# Inverse Universe

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



48.2870, 8.2395, 17.2883



58.0200, 13.3011, 27.1695



56.0200, -10.3629, 10.5065



31.2390, 0.8682, 1.5444



39.0350, 24.1397, 50.8353

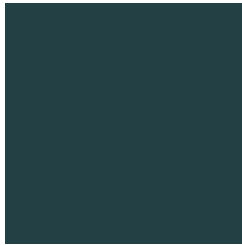


90.2320, 56.0876, 117.3145



# Previews

## White Background



This preview shows how the YUV color 56.3720, 5.7326, -18.7432 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

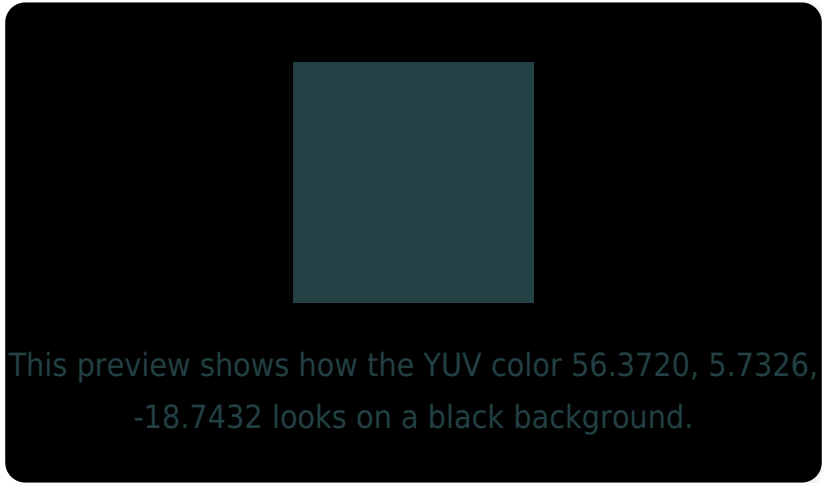
Any Text WCAG AA ✓ Pass

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

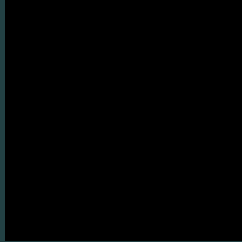
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

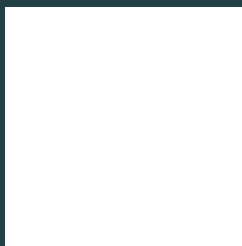
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 56.3720, 5.7326, -18.7432

## Background



This preview shows how black text looks on a background with the YUV color 56.3720, 5.7326, -18.7432.



This preview shows how white text looks on a background with the YUV color 56.3720, 5.7326, -18.7432.

-18.7432.

# 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

56.3720, 5.7326, -18.7432

### Protanopia

60.5700, 2.1840, -0.4999

### Deuteranopia

61.0370, 3.9258, 0.8446



## Tritanopia

56.8990, 6.4588, -18.3284

# Trichromacy



## Original Color

56.3720, 5.7326, -18.7432

## Protanomaly

59.1670, 3.3687, -7.1625

## Deuteranomaly

59.2210, 4.8210, -6.3328

## Tritanomaly

56.7850, 6.0220, -18.2284

# Monochromacy



## Original Color

56.3720, 5.7326, -18.7432

## Achromatopsia

56.0000, 0.0000, 0.0000

## Achromatomaly

55.8250, 2.0583, -6.8625

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 56.3720, 5.7326, -18.7432 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(35, 65, 68)` looks like.

```
.text, #text, p{  
    color:rgb(35, 65, 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(35, 65, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 65, 68) }
```

## Border

The CSS property to change the border of an element to YUV 56.3720, 5.7326, -18.7432 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(35, 65, 68) }
```



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

```
.border{ border-color:rgb(35, 65, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 65, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 65, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 65, 68);  
box-shadow:4px 4px 4px 4px rgb(35, 65, 68)  
}
```

# Background

The CSS property to change the background color of an element to YUV 56.3720, 5.7326, -18.7432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 65, 68) }
```

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

```
.background{ background-color: rgb(35, 65,  
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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