

Converting Colors

YUV(42.6380, 5.6015, -23.3615)

Have a look what the booklet for
YUV(42.6380, 5.6015, -23.3615)
contains.

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Color

**YUV(42.6380, 5.6015,
-23.3615)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 103636 |
| RGB | 16, 54, 54 |
| RGB Percent | 6%, 21%, 21% |
| CMY | 0.9373, 0.7882, 0.7882 |
| CMYK | 0.70, 0.00, 0.00, 0.79 |
| HSL | 180°, 54%, 14% |
| HSV | 180°, 70%, 21% |
| XYZ | 2.1987, 3.0148, 3.9561 |
| YIQ | 42.6380, -22.6480, -8.0560 |

Conversions

Conversions Part 2

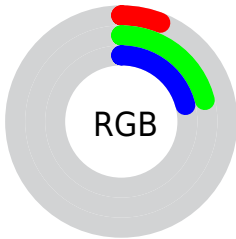
| Format | Color |
|-------------------------------------|------------------------------|
| R_YB | 16, 35, 54 |
| Decimal | 1062454 |
| CIE Lab | 20.10, -13.15, -3.99 |
| CIE LCh | 20, 13.744, 196.897 |
| Yxy | 3.0148, 0.2398, 0.3288 |
| Android (android.graphics.Color) | 4279252534 (0xFF103636) |
| YUV | 42.6380, 5.6015, -23.3615 |
| Hunter-Lab | 17.3633, -7.7823, -1.3544 |

Details

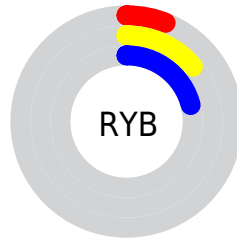
The YUV color **42.6380, 5.6015, -23.3615** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **27.3620, -5.6015, 23.3615**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.9370, 5.4541, -22.7467**, and **1.7270, 4.0786, -1.5146** is the 20% darker color. If you saturate the color by 10%, you get **41.1430, 6.3385, -26.4354**, and if you desaturate by 10%, it is **44.1330, 4.8644, -20.2876**.

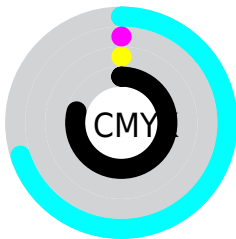
Distribution



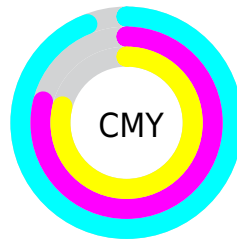
- Red (6%)
- Green (21%)
- Blue (21%)



- Red (6%)
- Yellow (14%)
- Blue (21%)



- Cyan (70%)
- Magenta (0%)
- Yellow (0%)
- Black (79%)



- Cyan (94%)
- Magenta (79%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.6380, 5.6015, -23.3615 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 42.6380, 5.6015, -23.3615 by changing the saturation by 10% instead.

■ 42.6380, 5.6015,
-23.3615

■ 42.6380, 5.6015,
-23.3615

■ 253.8040, 0.5896,
-2.4591

■ 23.1330, 4.8644,
-20.2876

■ 89.9370, 5.4541,
-22.7467

■ 1.7270, 4.0786,
-1.5146

■ 114.9370, 5.4541,
-22.7467

■ 0.0000, 0.0000,
0.0000

■ 140.5240, 5.1647,
-23.2615

■ 167.2250, 5.3121,
-23.8763

■ 194.3390, 5.7489,
-23.9763

■ 222.0400, 5.8963,

-24.5911

■ 245.1330, 4.8644,
-20.2876

■ 42.6380, 5.6015,
-23.3615

■ 42.6380, 5.6015,
-23.3615

■ 41.1430, 6.3385,
-26.4354

■ 44.1330, 4.8644,
-20.2876

■ 39.3490, 7.2229,
-30.1241

■ 45.9270, 3.9800,
-16.5990

■ 37.8540, 7.9600,
-33.1980

■ 47.4220, 3.2430,
-13.5251

■ 49.2160, 2.3585,
-9.8364

■ 50.7110, 1.6215,
-6.7625

■ 52.2060, 0.8844,
-3.6887

■ 54.0000, 0.0000,
0.0000

■ 55.4950, -0.7370,
3.0739

■ 57.2890, -1.6215,
6.7625

Harmonies

Analogous

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



44.4880, -0.2406, -16.2140



42.6380, 5.6015, -23.3615



43.0770, 9.8220, -23.7465

Triad

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



42.6380, 5.6015, -23.3615



49.9390, 5.9461, 6.1925



47.9490, -9.3419, 9.6917

Complementary

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



42.6380, 5.6015, -23.3615



27.3620, -5.6015, 23.3615

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.



48.8510, -7.3215, 15.0397



42.6380, 5.6015, -23.3615



49.5440, 1.7038, 13.5549

Square

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



42.6380, 5.6015, -23.3615



49.0840, 9.3256, -4.4587



49.6000, -3.2538, 17.0138



47.6060, -9.1728, 2.0995

Rectangle

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



42.6380, 5.6015, -23.3615



45.0390, 10.8268, -19.3282



49.6000, -3.2538, 17.0138



48.3730, -9.0579, 11.9509

Sweetspot

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



42.6380, 5.6015, -23.3615



66.5150, 2.2111, -9.2217



38.3060, -10.9969, -19.5624



33.3090, 1.3267, -5.5330



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



42.6380, 5.6015, -23.3615



53.0600, 8.8444, -36.8866



31.4850, 11.0999, -13.5803



27.1030, 0.4422, -1.8443



64.4920, 13.5614, -56.5595



153.5190, 32.2821, -134.6362

Inverse Universe

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



31.6940, 10.9969, 19.5624



35.7800, 17.3635, 30.8879



38.5150, -11.0999, 13.5803



26.2390, 0.8682, 1.5444



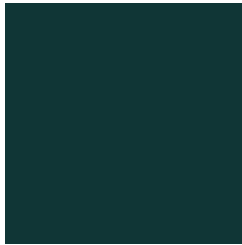
37.9960, 26.6240, 47.3615



90.4470, 63.3766, 112.7410

Previews

White Background



This preview shows how the YUV color 42.6380, 5.6015, -23.3615 looks on a white background.

Color Contrast Check

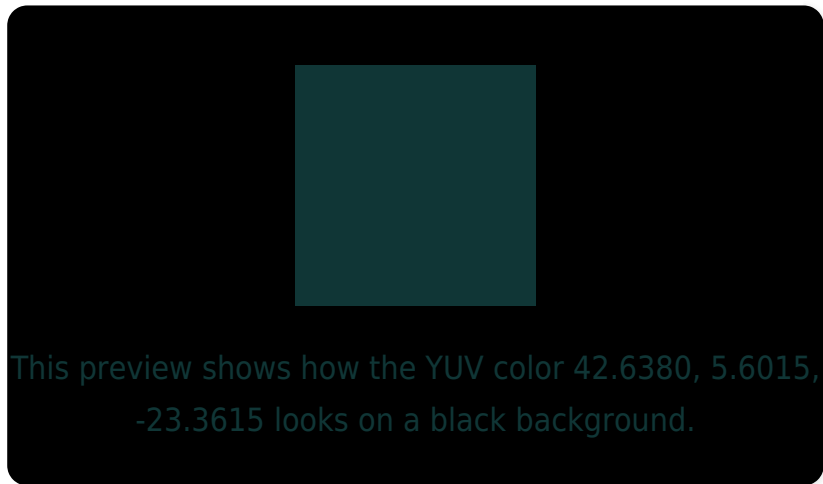
Large Text (above 18pt) WCAG AA ✓ Pass

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

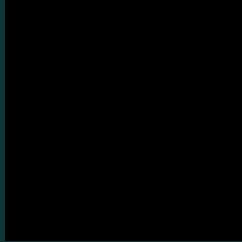
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.6380, 5.6015, -23.3615

Background



This preview shows how black text looks on a background with the YUV color 42.6380, 5.6015, -23.3615.



This preview shows how white text looks on a background with the YUV color 42.6380, 5.6015, -23.3615.

-23.3615.

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

42.6380, 5.6015, -23.3615

Protanopia

48.6410, 1.1630, 0.3148

Deuteranopia

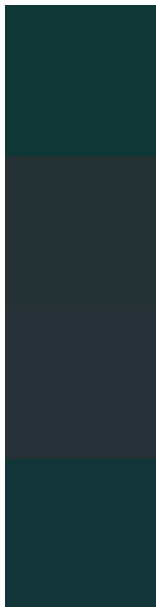
48.8090, 3.0522, 1.0445



Tritanopia

43.1050, 7.3432, -22.0171

Trichromacy



Original Color

42.6380, 5.6015, -23.3615

Protanomaly

46.3410, 2.7899, -8.1921

Deuteranomaly

46.9820, 3.9529, -7.8772

Tritanomaly

42.6920, 7.0538, -22.5319

Monochromacy



Original Color

42.6380, 5.6015, -23.3615

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.8140, 2.0637, -8.6069

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.6380, 5.6015, -23.3615 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(16, 54, 54)` looks like.

```
.text, #text, p{  
    color:rgb(16, 54, 54)  
}
```

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(16, 54, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 54, 54) }
```

Border

The CSS property to change the border of an element to YUV 42.6380, 5.6015, -23.3615 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(16, 54, 54) }
```


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

```
.border{ border-color:rgb(16, 54, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 54, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 54, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 54, 54);  
box-shadow:4px 4px 4px 4px rgb(16, 54, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.6380, 5.6015, -23.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 54, 54) }
```

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

```
.background{ background-color: rgb(16, 54,  
54) }
```

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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