

Converting Colors

YUV(56.1160, 20.6488,
-43.0747)

Have a look what the booklet for
YUV(56.1160, 20.6488, -43.0747)
contains.

YUV(56.1160, 20.6488, -43.0747)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(56.1160, 20.6488,
-43.0747)**

Conversions

Conversions Part 1

Format	Color
Hex	074962
RGB	7, 73, 98
RGB Percent	3%, 29%, 38%
CMY	0.9725, 0.7137, 0.6157
CMYK	0.93, 0.26, 0.00, 0.62
HSL	196°, 87%, 21%
HSV	196°, 93%, 38%
XYZ	4.6748, 5.6921, 12.4076
YIQ	56.1160, -47.3610, -6.2170

Conversions

Conversions Part 2

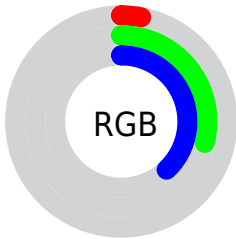
Format	Color
R_{YB}	7, 45, 98
Decimal	477538
CIE _{Lab}	28.62, -9.14, -20.03
CIE _{LCh}	29, 22.016, 245.465
Yxy	5.6921, 0.2053, 0.2499
Android (android.graphics.Color)	4278667618 (0xFF074962)
YUV	56.1160, 20.6488, -43.0747
Hunter-Lab	23.8581, -6.7763, -14.1335

Details

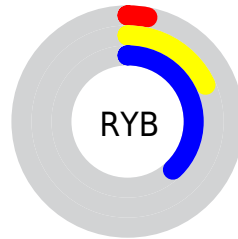
The YUV color **56.1160, 20.6488, -43.0747** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **48.8840, -20.6488, 43.0747**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.5300, 19.4587, -34.6678**, and **23.4240, 13.5950, -20.5428** is the 20% darker color. If you saturate the color by 10%, you get **52.8490, 22.2594, -46.3486**, and if you desaturate by 10%, it is **60.8670, 18.3066, -38.4714**.

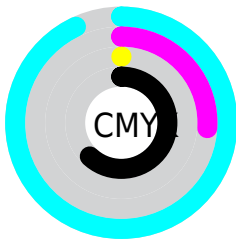
Distribution



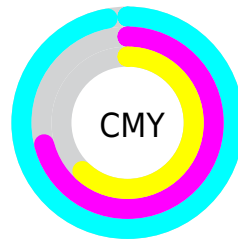
- Red (3%)
- Green (29%)
- Blue (38%)



- Red (3%)
- Yellow (18%)
- Blue (38%)



- Cyan (93%)
- Magenta (26%)
- Yellow (0%)
- Black (62%)



- Cyan (97%)
- Magenta (71%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.1160, 20.6488, -43.0747 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 56.1160, 20.6488, -43.0747 by changing the saturation by 10% instead.

■ 56.1160, 20.6488,
-43.0747

■ 56.1160, 20.6488,
-43.0747

■ 255.0000, 0.0000,
0.0000

■ 37.7860, 17.8535,
-33.1383

■ 109.5300, 19.4587,
-34.6678

■ 23.4240, 13.5950,
-20.5428

■ 135.3560, 20.0375,
-33.6382

■ 4.5940, 12.5252,
-4.0289

■ 162.3560, 20.0375,
-33.6382

■ 0.1140, 0.4368,
-0.1000

■ 189.4700, 20.4743,
-33.7382

■ 0.0000, 0.0000,
0.0000

■ 217.0140, 18.7271,
-33.3383

■ 240.6480, 7.0755,

-29.5093

■ 249.3190, 2.8007,
-11.6808

■ 56.1160, 20.6488,
-43.0747

■ 56.1160, 20.6488,
-43.0747

■ 52.8490, 22.2594,
-46.3486

■ 60.8670, 18.3066,
-38.4714

■ 65.0310, 16.2537,
-33.3532

■ 69.4830, 14.0589,
-29.3646

■ 74.2340, 11.7166,
-24.7612

■ 78.3980, 9.6638,
-19.6430

■ 83.1490, 7.3215,
-15.0397

■ 87.9000, 4.9793,
-10.4363

■ 92.3520, 2.7845,
-6.4477

■ 96.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



54.5300, 16.0077, -47.8228



56.1160, 20.6488, -43.0747



65.4830, 17.5099, -16.2096

Triad

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



56.1160, 20.6488, -43.0747



69.0080, -1.9759, 27.1800



63.7530, -12.2032, -5.9224

Complementary

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



56.1160, 20.6488, -43.0747



48.8840, -20.6488, 43.0747

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.



66.1030, -16.3198, 7.8027



56.1160, 20.6488, -43.0747



68.0590, -9.3961, 27.1353

Square

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



56.1160, 20.6488, -43.0747



69.4290, 6.1975, 18.9178



67.5220, -15.0473, 19.7132



60.8310, -3.8607, -21.7768

Rectangle

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



56.1160, 20.6488, -43.0747



68.1750, 14.7037, -2.7845



67.5220, -15.0473, 19.7132



64.9170, -14.2561, -0.8042

Sweetspot

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



56.1160, 20.6488, -43.0747



111.3660, 8.2006, -16.9840



63.1530, -15.8514, -49.2462



53.9000, 4.9793, -10.4363



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



56.1160, 20.6488, -43.0747



68.5960, 29.2862, -60.1587



29.7010, 33.6714, -19.9088



46.2170, 0.8790, -1.9443



60.3150, 25.4807, -52.8963



129.4980, 54.4775, -113.5697

Inverse Universe

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



41.7330, 15.4146, 49.3462



48.7600, 21.3173, 69.4935



75.2990, -33.6714, 19.9088



45.5380, 0.7208, 2.1592



42.7220, 18.8711, 60.7568



91.5960, 40.6252, 130.1503

Previews

White Background



This preview shows how the YUV color 56.1160, 20.6488, -43.0747 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



This preview shows how the YUV color 56.1160, 20.6488, -43.0747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

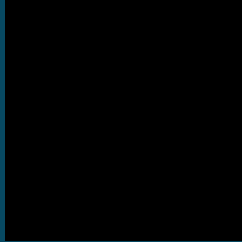
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.1160, 20.6488, -43.0747

Background



This preview shows how black text looks on a background with the YUV color 56.1160, 20.6488, -43.0747.



This preview shows how white text looks on a background with the YUV color 56.1160, 20.6488,

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

56.1160, 20.6488, -43.0747

Protanopia

67.8710, 12.3886, -6.9029

Deuteranopia

66.7610, 15.8938, -11.1914



Tritanopia

53.2590, 13.6763, -46.7081

Trichromacy



Original Color

56.1160, 20.6488, -43.0747

Protanomaly

63.5920, 15.4841, -19.8132

Deuteranomaly

62.8520, 17.8210, -22.6722

Tritanomaly

54.2530, 16.1443, -44.9489

Monochromacy



Original Color

56.1160, 20.6488, -43.0747

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.8500, 7.4689, -15.6545

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.1160, 20.6488, -43.0747 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(7, 73, 98)` looks like.

```
.text, #text, p{  
    color:rgb(7, 73, 98)  
}
```

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(7, 73, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 73, 98) }
```

Border

The CSS property to change the border of an element to YUV 56.1160, 20.6488, -43.0747 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(7, 73, 98) }
```


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

```
.border{ border-color:rgb(7, 73, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 73, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 73, 98); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 73, 98); box-shadow:4px  
4px 4px 4px rgb(7, 73, 98) }
```

Background

The CSS property to change the background color of an element to YUV 56.1160, 20.6488, -43.0747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 73, 98) }
```

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

```
.background{ background-color: rgb(7, 73,  
98) }
```

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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