

Converting Colors

YUV(76.0820, 25.5956,
-43.0449)

Have a look what the booklet for
YUV(76.0820, 25.5956, -43.0449)
contains.

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Color

**YUV(76.0820, 25.5956,
-43.0449)**

Conversions

Conversions Part 1

Format	Color
Hex	1B5B80
RGB	27, 91, 128
RGB Percent	11%, 36%, 50%
CMY	0.8941, 0.6431, 0.4980
CMYK	0.79, 0.29, 0.00, 0.50
HSL	202°, 65%, 30%
HSV	202°, 79%, 50%
XYZ	8.0894, 9.2737, 21.7857
YIQ	76.0820, -50.0210, -2.0610

Conversions

Conversions Part 2

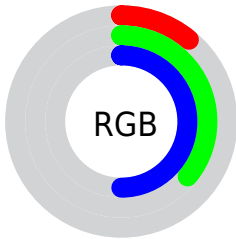
Format	Color
R_{YB}	27, 66, 128
Decimal	1792896
CIE _{Lab}	36.51, -6.38, -26.45
CIE _{LCh}	37, 27.209, 256.431
Yxy	9.2737, 0.2066, 0.2369
Android (android.graphics.Color)	4279982976 (0xFF1B5B80)
YUV	76.0820, 25.5956, -43.0449
Hunter-Lab	30.4527, -5.8762, -21.0988

Details

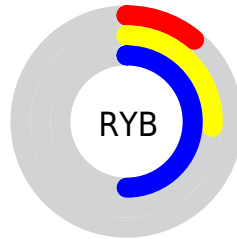
The YUV color **76.0820, 25.5956, -43.0449** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **78.9180, -25.5956, 43.0449**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.4140, 25.4319, -37.1971**, and **36.0080, 21.1951, -31.5790** is the 20% darker color. If you saturate the color by 10%, you get **69.2600, 28.9588, -48.4630**, and if you desaturate by 10%, it is **82.9040, 22.2323, -37.6268**.

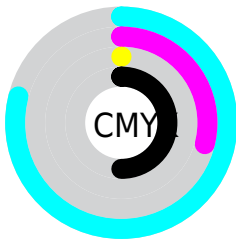
Distribution



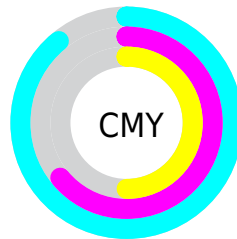
- Red (11%)
- Green (36%)
- Blue (50%)



- Red (11%)
- Yellow (26%)
- Blue (50%)



- Cyan (79%)
- Magenta (29%)
- Yellow (0%)
- Black (50%)



- Cyan (89%)
- Magenta (64%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.0820, 25.5956, -43.0449 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 76.0820, 25.5956, -43.0449 by changing the saturation by 10% instead.

■ 76.0820, 25.5956,
-43.0449

■ 76.0820, 25.5956,
-43.0449

■ 255.0000, 0.0000,
0.0000

■ 51.6580, 25.3116,
-45.3041

■ 129.4140, 25.4319,
-37.1971

■ 36.0080, 21.1951,
-31.5790

■ 156.2400, 26.0107,
-36.1675

■ 20.9450, 16.7891,
-18.3688

■ 183.9410, 26.1581,
-36.7823

■ 5.0500, 14.2723,
-4.4289

■ 210.5130, 21.9321,
-34.6529

■ 0.9120, 3.4944,
-0.7998

■ 235.9080, 9.4124,
-32.3683

■ 0.0000, 0.0000,
0.0000

■ 246.9270, 3.9800,

-16.5990

■ 76.0820, 25.5956,
-43.0449

■ 76.0820, 25.5956,
-43.0449

■ 69.2600, 28.9588,
-48.4630

■ 82.9040, 22.2323,
-37.6268

■ 63.0250, 32.0327,
-54.3959

■ 89.1390, 19.1585,
-31.6939

■ 62.1390, 32.4695,
-54.4959

■ 95.6620, 15.9426,
-26.8906

■ 102.4840, 12.5794,
-21.4725

■ 108.7190, 9.5055,
-15.5396

■ 115.5410, 6.1423,
-10.1215

■ 122.3630, 2.7790,
-4.7034

■ 128.8860, -0.4368,
0.1000

■ 135.1210, -3.5107,
6.0329

Harmonies

Analogous

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



69.1030, 23.6132, -60.6033



76.0820, 25.5956, -43.0449



85.4280, 20.9880, -11.7764

Triad

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



76.0820, 25.5956, -43.0449



87.3250, -6.0762, 35.6720



80.2850, -12.4655, -15.1589

Complementary

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



76.0820, 25.5956, -43.0449



78.9180, -25.5956, 43.0449

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.



82.8700, -19.6559, 4.4990



76.0820, 25.5956, -43.0449



85.5990, -15.0853, 31.9237

Square

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



76.0820, 25.5956, -43.0449



88.0390, 4.4178, 29.7838



84.7410, -20.5783, 20.3981



74.7580, 0.1193, -38.3758

Rectangle

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



76.0820, 25.5956, -43.0449



87.6860, 16.4238, 5.5374



84.7410, -20.5783, 20.3981



81.2320, -15.3974, -8.0965

Sweetspot

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



76.0820, 25.5956, -43.0449



145.2350, 10.2371, -16.8691



90.2770, -13.9406, -55.4939



71.5410, 6.1423, -10.1215



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



76.0820, 25.5956, -43.0449



84.7120, 40.0750, -67.2764



47.3190, 39.7757, -17.8198



60.1460, 1.9000, -2.7590



62.1390, 32.4695, -54.4959



0.0000, 0.0000, 0.0000

Inverse Universe

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



64.4950, 13.0670, 55.6939



66.6420, 20.3895, 87.1370



107.6810, -39.7757, 17.8198



59.5490, 0.7153, 3.9035



47.5060, 16.5125, 70.5932



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 76.0820, 25.5956, -43.0449 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 76.0820, 25.5956, -43.0449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

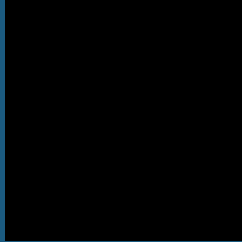
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.0820, 25.5956, -43.0449

Background



This preview shows how black text looks on a background with the YUV color 76.0820, 25.5956, -43.0449.



This preview shows how white text looks on a background with the YUV color 76.0820, 25.5956,

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

76.0820, 25.5956, -43.0449

Protanopia

85.1570, 18.6566, -10.6617

Deuteranopia

84.0360, 22.1673, -16.6946



Tritanopia

67.5070, 17.4980, -59.2036

Trichromacy



Original Color

76.0820, 25.5956, -43.0449

Protanomaly

82.0630, 21.1679, -22.8573

Deuteranomaly

81.0240, 23.6522, -26.3310

Tritanomaly

70.9360, 20.2446, -53.4409

Monochromacy



Original Color

76.0820, 25.5956, -43.0449

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.7190, 9.5055, -15.5396

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.0820, 25.5956, -43.0449 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(27, 91, 128)` looks like.

```
.text, #text, p{  
    color:rgb(27, 91, 128)  
}
```

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(27, 91, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 91, 128) }
```

Border

The CSS property to change the border of an element to YUV 76.0820, 25.5956, -43.0449 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(27, 91, 128) }
```


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

```
.border{ border-color:rgb(27, 91, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 91, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 91, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 91, 128);  
box-shadow:4px 4px 4px 4px rgb(27, 91,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 76.0820, 25.5956, -43.0449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 91, 128) }
```

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

```
.background{ background-color: rgb(27, 91,  
128) }
```

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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