

Converting Colors

YUV(64.4020, 43.6788,
-56.4806)

Have a look what the booklet for
YUV(64.4020, 43.6788, -56.4806)
contains.

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Color

**YUV(64.4020, 43.6788,
-56.4806)**

Conversions

Conversions Part 1

Format	Color
Hex	005099
RGB	0, 80, 153
RGB Percent	0%, 31%, 60%
CMY	1.0000, 0.6863, 0.4000
CMYK	1.00, 0.48, 0.00, 0.40
HSL	209°, 100%, 30%
HSV	209°, 100%, 60%
XYZ	8.6184, 8.0372, 31.2341
YIQ	64.4020, -71.1130, 5.7430

Conversions

Conversions Part 2

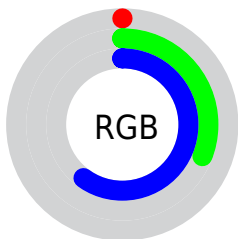
Format	Color
R_{YB}	0, 53, 153
Decimal	20633
CIE _{Lab}	34.06, 8.85, -45.59
CIE _{LCh}	34, 46.443, 280.988
Yxy	8.0372, 0.1800, 0.1678
Android (android.graphics.Color)	4278210713 (0xFF005099)
YUV	64.4020, 43.6788, -56.4806
Hunter-Lab	28.3500, 4.6517, -45.4766

Details

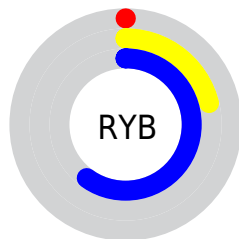
The YUV color **64.4020, 43.6788, -56.4806** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **88.5980, -43.6788, 56.4806**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.5510, 41.1404, -35.5632**, and **33.2330, 33.4091, -29.1453** is the 20% darker color. If you saturate the color by 10%, you get **64.4020, 43.6788, -56.4806**, and if you desaturate by 10%, it is **72.9960, 39.4420, -50.8625**.

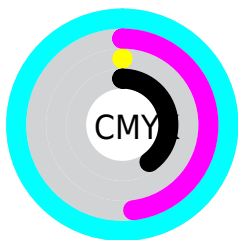
Distribution



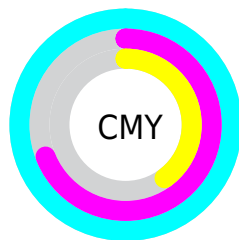
- Red (0%)
- Green (31%)
- Blue (60%)



- Red (0%)
- Yellow (21%)
- Blue (60%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (69%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.4020, 43.6788, -56.4806 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 64.4020, 43.6788, -56.4806 by changing the saturation by 10% instead.

■ 64.4020, 43.6788,
-56.4806

■ 64.4020, 43.6788,
-56.4806

■ 255.0000, 0.0000,
0.0000

■ 48.5240, 38.6887,
-42.5555

■ 124.5510, 41.1404,
-35.5632

■ 33.2330, 33.4091,
-29.1453

■ 151.3880, 41.7137,
-32.7893

■ 18.1700, 29.0032,
-15.9351

■ 178.0740, 37.9245,
-30.7599

■ 8.9770, 21.7033,
-7.8728

■ 203.1810, 25.5468,
-27.3457

■ 4.7080, 12.9620,
-4.1289

■ 228.2880, 13.1690,
-23.9316

■ 0.2280, 0.8736,
-0.2000

■ 247.8240, 3.5378,

■ 0.0000, 0.0000,

-14.7546

0.0000

■ 64.4020, 43.6788,
-56.4806

■ 72.9960, 39.4420,
-50.8625

■ 82.4760, 34.7683,
-45.1445

■ 91.0700, 30.5315,
-39.5264

■ 99.6640, 26.2946,
-33.9083

■ 108.5570, 21.9104,
-27.6755

■ 117.7380, 17.3842,
-22.5722

■ 126.3320, 13.1473,
-16.9542

■ 134.9260, 8.9105,
-11.3361

■ 144.4060, 4.2368,
-5.6181

Harmonies

Analogous

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



70.5170, 39.1851, -61.8434



64.4020, 43.6788, -56.4806



82.3740, 26.4376, 13.7040

Triad

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



64.4020, 43.6788, -56.4806



76.1350, -21.2656, 54.2556



62.0350, -3.4683, -54.4047

Complementary

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



64.4020, 43.6788, -56.4806



88.5980, -43.6788, 56.4806

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.



68.2120, -25.2475, -22.1109



64.4020, 43.6788, -56.4806



75.7740, -37.3566, 35.2782

Square

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



64.4020, 43.6788, -56.4806



75.1740, -3.5368, 61.2374



74.1360, -36.5490, 9.5277



67.5410, 12.5513, -59.2335

Rectangle

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



64.4020, 43.6788, -56.4806



81.1230, 17.1944, 38.4801



74.1360, -36.5490, 9.5277



59.9660, -8.8572, -52.5902

Sweetspot

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



64.4020, 43.6788, -56.4806



164.0370, 17.2368, -21.9574



97.9050, -13.2642, -85.8627



78.5560, 10.0789, -12.7656



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



64.4020, 43.6788, -56.4806



83.7340, 56.8261, -73.4347



20.3770, 65.3831, -17.8706



72.2600, 2.3368, -2.8590



58.8110, 40.0262, -51.5772



5.5910, 3.6526, -4.9033

Inverse Universe

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



54.8670, 12.3906, 86.0626



71.3570, 16.0930, 111.9429



132.6230, -65.3831, 17.8706



71.8480, 0.5679, 4.5183



50.1820, 11.2493, 78.7704



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 64.4020, 43.6788, -56.4806 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 64.4020, 43.6788, -56.4806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

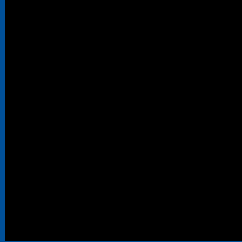
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.4020, 43.6788, -56.4806

Background



This preview shows how black text looks on a background with the YUV color 64.4020, 43.6788, -56.4806.



This preview shows how white text looks on a background with the YUV color 64.4020, 43.6788, -56.4806.

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



Protanopia

75.2590, 37.3403, -30.0451

Deuteranopia

64.5500, 39.1688, -56.6103

Tritanopia

63.0730, 15.7400, -55.3150

Trichromacy



Protanomaly

71.4750, 39.6988, -39.8816

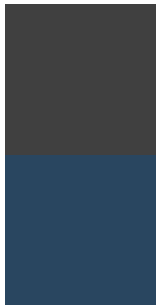
Deuteranomaly

64.3050, 40.7686, -56.3955

Tritanomaly

63.7060, 25.7809, -55.8702

Monochromacy



Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.2930, 15.6316, -20.4280

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.4020, 43.6788, -56.4806 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(0, 80, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 80, 153)  
}
```

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(0, 80, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 80, 153) }
```

Border

The CSS property to change the border of an element to YUV 64.4020, 43.6788, -56.4806 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(0, 80, 153) }
```

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

```
.border{ border-color:rgb(0, 80, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 80, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 80, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 80, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 80, 153)  
}
```


Background

The CSS property to change the background color of an element to YUV 64.4020, 43.6788, -56.4806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 80, 153) }
```

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

```
.background{ background-color: rgb(0, 80,  
153) }
```

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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