

Converting Colors

YUV(85.5020, 31.7975,
-72.3543)

Have a look what the booklet for
YUV(85.5020, 31.7975, -72.3543)
contains.

YUV(85.5020, 31.7975, -72.3543)	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(85.5020, 31.7975,
-72.3543)**

Conversions

Conversions Part 1

Format	Color
Hex	037396
RGB	3, 115, 150
RGB Percent	1%, 45%, 59%
CMY	0.9882, 0.5490, 0.4118
CMYK	0.98, 0.23, 0.00, 0.41
HSL	194°, 96%, 30%
HSV	194°, 98%, 59%
XYZ	11.6733, 14.4828, 31.0344
YIQ	85.5020, -77.9870, -12.8590

Conversions

Conversions Part 2

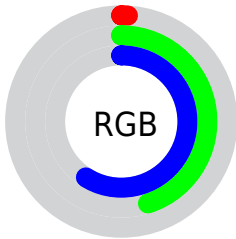
Format	Color
RYB	3, 67, 150
Decimal	226198
CIELab	44.92, -14.04, -26.59
CIELCh	45, 30.070, 242.165
Yxy	14.4828, 0.2041, 0.2532
Android (android.graphics.Color)	4278416278 (0xFF037396)
YUV	85.5020, 31.7975, -72.3543
Hunter-Lab	38.0563, -11.8459, -21.7107

Details

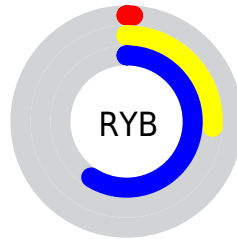
The YUV color **85.5020, 31.7975, -72.3543** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **67.4980, -31.7975, 72.3543**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.7000, 28.2489, -54.1109**, and **50.6150, 23.8538, -44.3894** is the 20% darker color. If you saturate the color by 10%, you get **84.0180, 32.5291, -73.6838**, and if you desaturate by 10%, it is **92.3350, 28.4288, -65.1918**.

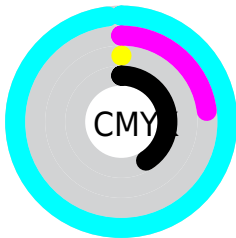
Distribution



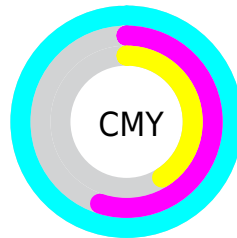
- Red (1%)
- Green (45%)
- Blue (59%)



- Red (1%)
- Yellow (26%)
- Blue (59%)



- Cyan (98%)
- Magenta (23%)
- Yellow (0%)
- Black (41%)



- Cyan (99%)
- Magenta (55%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.5020, 31.7975, -72.3543 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 85.5020, 31.7975, -72.3543 by changing the saturation by 10% instead.

85.5020, 31.7975,
-72.3543

85.5020, 31.7975,
-72.3543

255.0000, 0.0000,
0.0000

66.9660, 28.1178,
-58.7292

146.7000, 28.2489,
-54.1109

50.6150, 23.8538,
-44.3894

174.8250, 28.6803,
-52.4665

34.9650, 19.7373,
-30.6643

202.4400, 25.9121,
-51.2519

20.6030, 15.4787,
-18.0688

228.1340, 13.2449,
-48.3525

4.7080, 12.9620,
-4.1289

239.1530, 7.8126,
-32.5832

0.1140, 0.4368,
-0.1000

248.1230, 3.3904,

0.0000, 0.0000,

-14.1399

0.0000

■ 85.5020, 31.7975,
-72.3543

■ 85.5020, 31.7975,
-72.3543

■ 84.0180, 32.5291,
-73.6838

■ 92.3350, 28.4288,
-65.1918

■ 98.5810, 25.3496,
-57.5145

■ 105.4140, 21.9809,
-50.3521

■ 111.6600, 18.9016,
-42.6748

■ 118.4930, 15.5330,
-35.5124

■ 124.7390, 12.4537,
-27.8351

■ 131.5720, 9.0850,
-20.6726

■ 138.4050, 5.7163,
-13.5102

■ 144.6510, 2.6371,
-5.8329

Harmonies

Analogous

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



84.9010, 23.2198, -74.4582



85.5020, 31.7975, -72.3543



102.1100, 26.5678, -28.1605

Triad

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



85.5020, 31.7975, -72.3543



108.1990, -1.5771, 39.2905



101.6190, -19.0392, -6.6819

Complementary

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



85.5020, 31.7975, -72.3543



67.4980, -31.7975, 72.3543

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.



103.7850, -24.0510, 14.2206



85.5020, 31.7975, -72.3543



107.2240, -12.9284, 40.1456

Square

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



85.5020, 31.7975, -72.3543



109.2110, 10.2490, 26.1250



106.1660, -21.7738, 30.5494



96.8640, -7.3280, -29.6987

Rectangle

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



85.5020, 31.7975, -72.3543



106.9170, 22.7189, -6.9432



106.1660, -21.7738, 30.5494



102.6800, -21.5342, 0.2806

Sweetspot

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



85.5020, 31.7975, -72.3543



169.0380, 12.3063, -27.2203



93.1650, -27.6893, -79.0747



82.1380, 7.3270, -16.7840



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



85.5020, 31.7975, -72.3543



108.9920, 41.9089, -95.5860



42.6510, 52.9231, -34.7739



70.7330, 1.6106, -3.2738



77.3670, 29.8921, -67.8509



5.8360, 2.0529, -5.1182

Inverse Universe

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



59.7210, 27.2525, 79.1747



74.8780, 36.0491, 104.4700



110.3490, -52.9231, 34.7739



69.6630, 1.1521, 3.8035



53.2320, 25.5216, 74.3415



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 85.5020, 31.7975, -72.3543 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 × Fail

Black Background



This preview shows how the YUV color 85.5020, 31.7975, -72.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

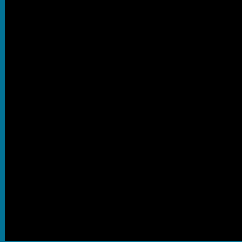
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.5020, 31.7975, -72.3543

Background



This preview shows how black text looks on a background with the YUV color 85.5020, 31.7975, -72.3543.

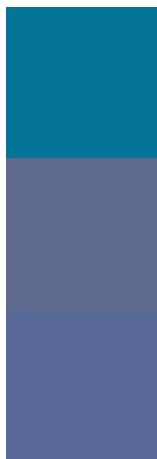


This preview shows how white text looks on a background with the YUV color 85.5020, 31.7975,

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

85.5020, 31.7975, -72.3543

Protanopia

106.2280, 17.6356, -9.8470

Deuteranopia

105.2750, 23.0354, -15.1502



Tritanopia

83.7440, 21.3252, -73.4435

Trichromacy



Original Color

85.5020, 31.7975, -72.3543

Protanomaly

99.0510, 22.6529, -32.4937

Deuteranomaly

98.2400, 26.0107, -36.1675

Tritanomaly

84.3680, 24.9616, -73.1137

Monochromacy



Original Color

85.5020, 31.7975, -72.3543

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1090, 11.2853, -26.4056

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.5020, 31.7975, -72.3543 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(3, 115, 150)` looks like.

```
.text, #text, p{  
    color:rgb(3, 115, 150)  
}
```

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(3, 115, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 115, 150) }
```

Border

The CSS property to change the border of an element to YUV 85.5020, 31.7975, -72.3543 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(3, 115, 150) }
```


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

```
.border{ border-color:rgb(3, 115, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 115, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 115, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 115, 150);  
box-shadow:4px 4px 4px 4px rgb(3, 115,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 85.5020, 31.7975, -72.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 115, 150) }
```

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

```
.background{ background-color: rgb(3, 115,  
150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor