

Converting Colors

YUV(100.5740, 42.6080,
-86.4494)

Have a look what the booklet for
YUV(100.5740, 42.6080, -86.4494)
contains.

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Color

**YUV(100.5740, 42.6080,
-86.4494)**

Conversions

Conversions Part 1

Format	Color
Hex	0286BB
RGB	2, 134, 187
RGB Percent	1%, 53%, 73%
CMY	0.9922, 0.4745, 0.2667
CMYK	0.99, 0.28, 0.00, 0.27
HSL	197°, 98%, 37%
HSV	197°, 99%, 73%
XYZ	17.5198, 20.6510, 50.0764
YIQ	100.5740, -95.6850, -11.5010

Conversions

Conversions Part 2

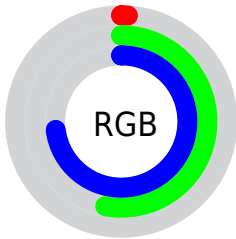
Format	Color
RYB	2, 79, 187
Decimal	165563
CIELab	52.57, -10.99, -36.16
CIELCh	53, 37.794, 253.103
Yxy	20.6510, 0.1985, 0.2340
Android (android.graphics.Color)	4278355643 (0xFF0286BB)
YUV	100.5740, 42.6080, -86.4494
Hunter-Lab	45.4433, -10.7087, -33.5244

Details

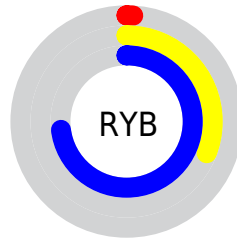
The YUV color **100.5740, 42.6080, -86.4494** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **88.4260, -42.6080, 86.4494**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8760, 38.0221, -62.1583**, and **65.0570, 33.4959, -57.0550** is the 20% darker color. If you saturate the color by 10%, you get **99.3890, 43.1922, -87.1642**, and if you desaturate by 10%, it is **109.1900, 38.3603, -77.3426**.

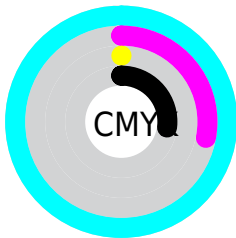
Distribution



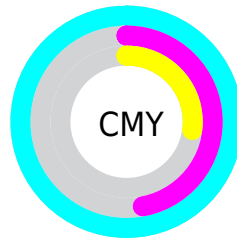
- Red (1%)
- Green (53%)
- Blue (73%)



- Red (1%)
- Yellow (31%)
- Blue (73%)



- Cyan (99%)
- Magenta (28%)
- Yellow (0%)
- Black (27%)



- Cyan (99%)
- Magenta (47%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.5740, 42.6080, -86.4494 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 100.5740, 42.6080, -86.4494 by changing the saturation by 10% instead.

■ 100.5740, 42.6080,
-86.4494

■ 100.5740, 42.6080,
-86.4494

■ 255.0000, 0.0000,
0.0000

■ 82.2230, 38.3441,
-72.1096

■ 165.8760, 38.0221,
-62.1583

■ 65.0570, 33.4959,
-57.0550

■ 192.9490, 30.5911,
-58.7143

■ 48.7060, 29.2319,
-42.7152

■ 218.6540, 17.9186,
-54.0706

■ 32.9420, 24.6786,
-28.8901

■ 234.6680, 10.0237,
-41.8048

■ 18.5800, 20.4201,
-16.2947

■ 243.6380, 5.6015,
-23.3615

■ 5.5060, 16.0195,
-4.8288

■ 252.6080, 1.1793,

■ 2.1830, 5.8258,

-4.9182

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 100.5740, 42.6080,
-86.4494

■ 100.5740, 42.6080,
-86.4494

■ 99.3890, 43.1922,
-87.1642

■ 109.1900, 38.3603,
-77.3426

■ 118.0940, 33.9707,
-69.3654

■ 126.7100, 29.7230,
-60.2587

■ 135.3260, 25.4753,
-51.1519

■ 144.2300, 21.0856,
-43.1747

■ 152.8460, 16.8379,
-34.0679

■ 162.0490, 12.3008,
-25.4760

■ 170.6650, 8.0532,
-16.3692

■ 178.9820, 3.9529,
-7.8772

Harmonies

Analogous

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



101.4460, 33.3041, -88.9681



100.5740, 42.6080, -86.4494



123.5220, 31.7877, -22.3828

Triad

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



100.5740, 42.6080, -86.4494



126.7940, -7.2934, 52.8007



117.0150, -19.7274, -19.3072

Complementary

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



100.5740, 42.6080, -86.4494



88.4260, -42.6080, 86.4494

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.



121.1450, -30.1445, 8.6428



100.5740, 42.6080, -86.4494



125.8030, -21.1019, 48.4078

Square

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



100.5740, 42.6080, -86.4494



128.4410, 8.1636, 41.7092



124.0000, -30.0730, 32.4490



108.7900, -1.8685, -54.1898

Rectangle

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



100.5740, 42.6080, -86.4494



128.3790, 25.4492, 4.0526



124.0000, -30.0730, 32.4490



118.8160, -24.5593, -9.4856

Sweetspot

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



100.5740, 42.6080, -86.4494



208.1450, 16.6905, -33.4532



116.5230, -30.8238, -100.4367



101.8000, 9.9586, -20.8726



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



100.5740, 42.6080, -86.4494



129.1390, 55.6405, -113.2549



46.5700, 69.2320, -39.0879



90.1350, 1.9054, -4.5034



84.3430, 36.3129, -73.9688



16.4480, 7.1741, -14.4249

Inverse Universe

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



72.3630, 30.3870, 100.5366



92.0800, 39.8936, 131.4798



142.4300, -69.2320, 39.0879



88.4890, 1.7309, 4.8331



60.1240, 26.0679, 85.8373



11.7770, 5.0399, 16.8586

Previews

White Background



This preview shows how the YUV color 100.5740, 42.6080, -86.4494 looks on a white 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

Black Background



This preview shows how the YUV color 100.5740, 42.6080, -86.4494 looks on a black 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

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

YUV 100.5740, 42.6080, -86.4494 Background



This preview shows how black text looks on a background with the YUV color 100.5740, 42.6080, -86.4494.

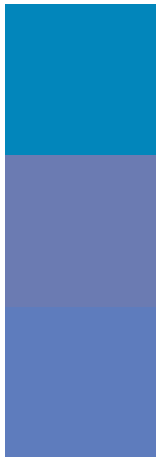


This preview shows how white text looks on a background with the YUV color 100.5740, 42.6080, -86.4494.

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

100.5740, 42.6080, -86.4494

Protanopia

124.4860, 26.3824, -15.3352

Deuteranopia

122.4400, 32.8141, -24.9419



Tritanopia

98.5790, 24.8576, -86.4538

Trichromacy



Original Color

100.5740, 42.6080, -86.4494

Protanomaly

115.8140, 32.1367, -41.0559

Deuteranomaly

114.8070, 36.0841, -47.1887

Tritanomaly

99.3000, 31.4041, -86.2091

Monochromacy



Original Color

100.5740, 42.6080, -86.4494

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.8140, 15.3747, -31.4089

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.5740, 42.6080, -86.4494 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(2, 134, 187)` looks like.

```
.text, #text, p{  
    color:rgb(2, 134, 187)  
}
```

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(2, 134, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 134, 187) }
```

Border

The CSS property to change the border of an element to YUV 100.5740, 42.6080, -86.4494 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(2, 134, 187) }
```


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

```
.border{ border-color:rgb(2, 134, 187) }
```

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

Here you see how a box with a 4 pixel rgb(2, 134, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 134, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 134, 187);  
box-shadow:4px 4px 4px 4px rgb(2, 134,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 100.5740, 42.6080, -86.4494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 134, 187) }
```

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

```
.background{ background-color: rgb(2, 134,  
187) }
```

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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