

Converting Colors

YUV(42.0180, 26.6131, 50.8502)

Have a look what the booklet for
YUV(42.0180, 26.6131, 50.8502)
contains.

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Color

**YUV(42.0180, 26.6131,
50.8502)**

Conversions

Conversions Part 1

Format	Color
Hex	640260
RGB	100, 2, 96
RGB Percent	39%, 1%, 38%
CMY	0.6078, 0.9922, 0.6235
CMYK	0.00, 0.98, 0.04, 0.61
HSL	302°, 96%, 20%
HSV	302°, 98%, 39%
XYZ	7.3886, 3.5973, 11.3713
YIQ	42.0180, 28.2340, 50.0100

Conversions

Conversions Part 2

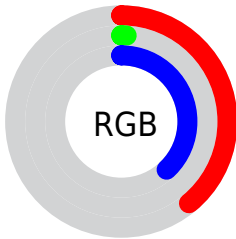
Format	Color
RYB	100, 2, 96
Decimal	6554208
CIELab	22.29, 48.34, -28.16
CIELCh	22, 55.943, 329.774
Yxy	3.5973, 0.3305, 0.1609
Android (android.graphics.Color)	4284744288 (0xFF640260)
YUV	42.0180, 26.6131, 50.8502
Hunter-Lab	18.9665, 36.3450, -22.2705

Details

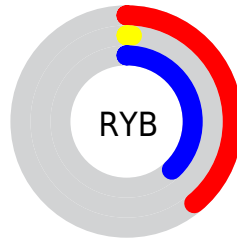
The YUV color **42.0180, 26.6131, 50.8502** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **59.9820, -26.6131, -50.8502**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.3720, 22.9876, 47.0318**, and **20.5360, 14.0328, 25.8399** is the 20% darker color. If you saturate the color by 10%, you get **40.8440, 27.1919, 51.8798**, and if you desaturate by 10%, it is **47.8880, 23.7192, 45.7022**.

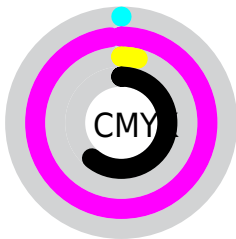
Distribution



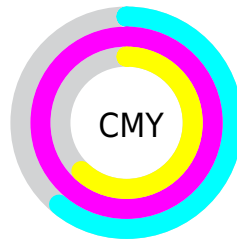
- Red (39%)
- Green (1%)
- Blue (38%)



- Red (39%)
- Yellow (1%)
- Blue (38%)



- Cyan (0%)
- Magenta (98%)
- Yellow (4%)
- Black (61%)



- Cyan (61%)
- Magenta (99%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.0180, 26.6131, 50.8502 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 42.0180, 26.6131, 50.8502 by changing the saturation by 10% instead.

42.0180, 26.6131,
50.8502

42.0180, 26.6131,
50.8502

255.0000, 0.0000,
0.0000

30.3340, 20.5413,
38.2951

100.3720, 22.9876,
47.0318

20.5360, 14.0328,
25.8399

127.6710, 22.8402,
47.6465

9.0580, 8.8454,
9.5961

154.3830, 22.9822,
48.7761


0.0000, 0.0000,
0.0000


182.5080, 23.4136,
50.4205


206.2790, 24.0195,
42.7283


222.7150, 15.9165,


28.3139


 239.1510, 7.8136,
13.8996


 42.0180, 26.6131,
50.8502


 42.0180, 26.6131,
50.8502


 40.8440, 27.1919,
51.8798

 47.8880, 23.7192,
45.7022

 53.8720, 21.2621,
40.4543

 59.7420, 18.3682,
35.3063

 65.7260, 15.9111,
30.0583

 71.5960, 13.0172,
24.9103

■ 77.4660, 10.1233,
19.7623

■ 83.4500, 7.6662,
14.5144

■ 89.3200, 4.7722,
9.3664

■ 95.3040, 2.3151,
4.1184

Harmonies

Analogous

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



50.4940, 37.7175, -10.9572



42.0180, 26.6131, 50.8502



42.5630, 6.6244, 68.7892

Triad

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



42.0180, 26.6131, 50.8502



50.5570, -24.9246, 14.4205



51.8060, 20.8016, -45.4339

Complementary

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



42.0180, 26.6131, 50.8502



59.9820, -26.6131, -50.8502

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.



46.4310, 2.7455, -40.7200



42.0180, 26.6131, 50.8502



43.2710, -21.3326, -17.7777

Square

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



42.0180, 26.6131, 50.8502



48.0860, -23.7064, 43.7746



39.6710, -18.0788, -34.7915



54.2800, 35.3580, -47.6036

Rectangle

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



42.0180, 26.6131, 50.8502



39.4850, -5.1691, 71.4887



39.6710, -18.0788, -34.7915



50.3240, 15.1233, -44.1341

Sweetspot

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



42.0180, 26.6131, 50.8502



107.5800, 10.5601, 19.6623



14.0690, 42.3640, -7.9535



52.3850, 6.2192, 11.9404



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



42.0180, 26.6131, 50.8502



53.1200, 35.4368, 67.4238



36.5460, 5.6468, 55.6492



48.0650, 1.4470, 2.5740



46.9250, 31.0960, 59.7018



98.8060, 65.6646, 125.5811

Inverse Universe

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



42.0180, 26.6131, 50.8502



53.1200, 35.4368, 67.4238



65.4540, -5.6468, -55.6492



48.0650, 1.4470, 2.5740



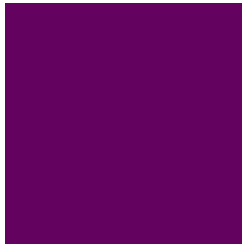
46.9250, 31.0960, 59.7018



98.8060, 65.6646, 125.5811

Previews

White Background



This preview shows how the YUV color 42.0180, 26.6131, 50.8502 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

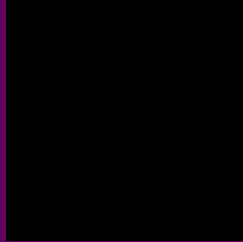
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.0180, 26.6131, 50.8502

Background



This preview shows how black text looks on a background with the YUV color 42.0180, 26.6131, 50.8502.



This preview shows how white text looks on a background with the YUV color 42.0180, 26.6131,

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

42.0180, 26.6131, 50.8502

Protanopia

45.5090, 34.7521, -39.9114

Deuteranopia

55.0810, 17.2151, -14.9800



Tritanopia

54.9720, -7.3812, 34.2276

Trichromacy



Original Color

42.0180, 26.6131, 50.8502

Protanomaly

44.3220, 31.8863, -7.2984

Deuteranomaly

50.4460, 20.4861, 9.2559

Tritanomaly

50.2190, 4.8220, 40.1499

Monochromacy



Original Color

42.0180, 26.6131, 50.8502

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.7540, 9.9813, 18.6327

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.0180, 26.6131, 50.8502 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(100, 2, 96)` looks like.

```
.text, #text, p{  
    color:rgb(100, 2, 96)  
}
```

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(100, 2, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 2, 96) }
```

Border

The CSS property to change the border of an element to YUV 42.0180, 26.6131, 50.8502 is called "border". The border property can be set on classes, ids or directly on the HTML element.

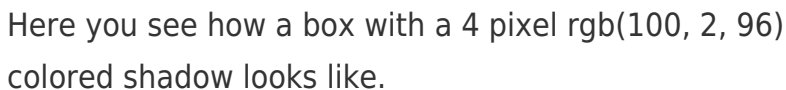
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(100, 2, 96) }
```


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

```
.border{ border-color:rgb(100, 2, 96) }
```

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



Here you see how a box with a 4 pixel `rgb(100, 2, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 2, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 2, 96);  
box-shadow:4px 4px 4px 4px rgb(100, 2, 96)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.0180, 26.6131, 50.8502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 2, 96) }
```

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

```
.background{ background-color: rgb(100, 2,  
96) }
```

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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