

Converting Colors

YUV(48.0220, 26.6112,
-42.1153)

Have a look what the booklet for
YUV(48.0220, 26.6112, -42.1153)
contains.

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Color

**YUV(48.0220, 26.6112,
-42.1153)**

Conversions

Conversions Part 1

Format	Color
Hex	003E66
RGB	0, 62, 102
RGB Percent	0%, 24%, 40%
CMY	1.0000, 0.7569, 0.6000
CMYK	1.00, 0.39, 0.00, 0.60
HSL	204°, 100%, 20%
HSV	204°, 100%, 40%
XYZ	4.1209, 4.4046, 13.2033
YIQ	48.0220, -49.7920, -0.7040

Conversions

Conversions Part 2

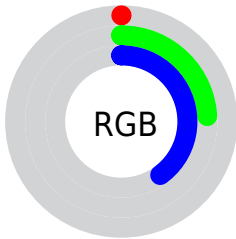
Format	Color
RYB	0, 39, 102
Decimal	15974
CIELab	24.97, -0.93, -28.36
CIELCh	25, 28.377, 268.130
Yxy	4.4046, 0.1897, 0.2027
Android (android.graphics.Color)	4278206054 (0xFF003E66)
YUV	48.0220, 26.6112, -42.1153
Hunter-Lab	20.9870, -1.6781, -22.6095

Details

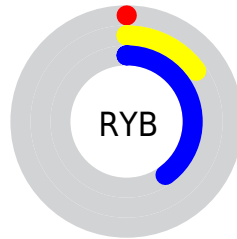
The YUV color **48.0220, 26.6112, -42.1153** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **53.9780, -26.6112, 42.1153**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.7570, 25.2628, -29.6049**, and **18.0100, 18.2361, -15.7948** is the 20% darker color. If you saturate the color by 10%, you get **48.0220, 26.6112, -42.1153**, and if you desaturate by 10%, it is **53.3600, 23.9795, -38.0267**.

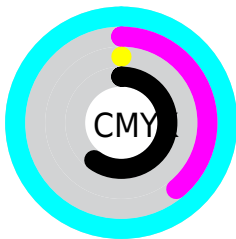
Distribution



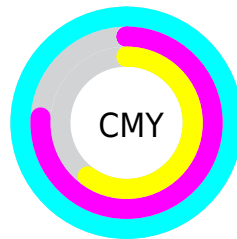
- Red (0%)
- Green (24%)
- Blue (40%)



- Red (0%)
- Yellow (15%)
- Blue (40%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (76%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.0220, 26.6112, -42.1153 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 48.0220, 26.6112, -42.1153 by changing the saturation by 10% instead.

■ 48.0220, 26.6112,
-42.1153

■ 48.0220, 26.6112,
-42.1153

■ 255.0000, 0.0000,
0.0000

■ 32.3720, 22.4946,
-28.3902

■ 101.7570, 25.2628,
-29.6049

■ 18.0100, 18.2361,
-15.7948

■ 127.5830, 25.8416,
-28.5753

■ 4.9360, 13.8356,
-4.3289

■ 154.1100, 26.5678,
-28.1605

■ 0.6840, 2.6208,
-0.5999

■ 181.2240, 27.0046,
-28.2604

■ 0.0000, 0.0000,
0.0000

■ 208.1980, 23.0734,
-27.3606

■ 233.3050, 10.6956,

-23.9465

■ 249.0200, 2.9481,
-12.2955

■ 48.0220, 26.6112,
-42.1153

■ 53.3600, 23.9795,
-38.0267

■ 58.6980, 21.3479,
-33.9381

■ 64.3350, 18.5688,
-29.2348

■ 69.6730, 15.9372,
-25.1462

■ 75.0110, 13.3056,
-21.0576

■ 80.3490, 10.6739,
-16.9691

■ 85.6870, 8.0423,
-12.8805

■ 91.3240, 5.2633,
-8.1771

■ 96.6620, 2.6316,
-4.0886

Harmonies

Analogous

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



50.1590, 22.1066, -43.9894



48.0220, 26.6112, -42.1153



60.0980, 18.1927, -1.8399

Triad

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



48.0220, 26.6112, -42.1153



58.5160, -9.1284, 34.6275



50.5980, -7.1968, -25.0804

Complementary

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



48.0220, 26.6112, -42.1153



53.9780, -26.6112, 42.1153

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.



54.9830, -17.7396, -3.4931



48.0220, 26.6112, -42.1153



58.2840, -17.3950, 26.0609

Square

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



48.0220, 26.6112, -42.1153



59.4370, 0.7706, 32.9428



57.1700, -21.2828, 13.0059



47.5880, 4.6401, -41.7347

Rectangle

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



48.0220, 26.6112, -42.1153



61.2310, 13.1971, 13.8294



57.1700, -21.2828, 13.0059



52.5020, -11.5865, -17.1033

Sweetspot

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



48.0220, 26.6112, -42.1153



111.6480, 10.5265, -16.3543



64.3200, -12.4828, -56.4086



53.5410, 6.1423, -10.1215



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.



48.0220, 26.6112, -42.1153



62.7090, 34.6535, -54.9958



18.6720, 41.0807, -16.3753



48.3310, 1.3158, -2.0443



54.2000, 29.9744, -47.5334



113.8770, 63.1646, -99.8701

Inverse Universe

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



37.5660, 12.0460, 56.5086



49.0010, 15.7755, 73.6671



83.3280, -41.0807, 16.3753



47.8370, 0.5734, 2.7740



42.3650, 13.6241, 63.7009



89.1160, 28.5368, 134.0793

Previews

White Background



This preview shows how the YUV color 48.0220, 26.6112, -42.1153 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 48.0220, 26.6112, -42.1153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

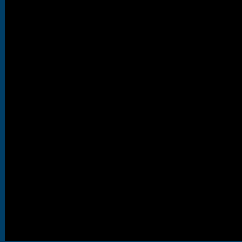
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.0220, 26.6112, -42.1153

Background



This preview shows how black text looks on a background with the YUV color 48.0220, 26.6112, -42.1153.



This preview shows how white text looks on a background with the YUV color 48.0220, 26.6112,

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

58.1890, 20.1198, -13.3208

Deuteranopia

55.2200, 23.0625, -23.8719

Tritanopia

46.8360, 11.9129, -41.0752

Trichromacy



Protanomaly

54.1060, 22.6257, -23.7720

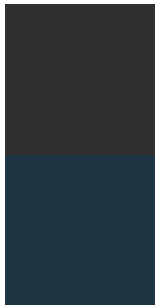
Deuteranomaly

52.8170, 24.2472, -30.5345

Tritanomaly

47.5030, 17.0070, -41.6601

Monochromacy



Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.1320, 9.7949, -15.0248

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.0220, 26.6112, -42.1153 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, 62, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 62, 102)  
}
```

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, 62, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 62, 102) }
```

Border

The CSS property to change the border of an element to YUV 48.0220, 26.6112, -42.1153 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, 62, 102) }
```

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

```
.border{ border-color:rgb(0, 62, 102) }
```

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

Here you see how a box with a 4 pixel rgb(0, 62, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 62, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 62, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 62, 102)  
}
```


Background

The CSS property to change the background color of an element to YUV 48.0220, 26.6112, -42.1153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 62, 102) }
```

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

```
.background{ background-color: rgb(0, 62,  
102) }
```

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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