

Converting Colors

YUV(54.5760, 26.3380,
-47.8632)

Have a look what the booklet for
YUV(54.5760, 26.3380, -47.8632)
contains.

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Color

**YUV(54.5760, 26.3380,
-47.8632)**

Conversions

Conversions Part 1

Format	Color
Hex	00486C
RGB	0, 72, 108
RGB Percent	0%, 28%, 42%
CMY	1.0000, 0.7176, 0.5765
CMYK	1.00, 0.33, 0.00, 0.58
HSL	200°, 100%, 21%
HSV	200°, 100%, 42%
XYZ	5.0241, 5.7174, 15.0261
YIQ	54.5760, -54.4680, -4.0680

Conversions

Conversions Part 2

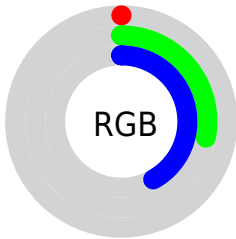
Format	Color
R_{YB}	0, 43, 108
Decimal	18540
CIE _{Lab}	28.69, -4.97, -26.31
CIE _{LCh}	29, 26.771, 259.295
Yxy	5.7174, 0.1950, 0.2219
Android (android.graphics.Color)	4278208620 (0xFF00486C)
YUV	54.5760, 26.3380, -47.8632
Hunter-Lab	23.9112, -4.3387, -20.5209

Details

The YUV color **54.5760, 26.3380, -47.8632** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **53.4240, -26.3380, 47.8632**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.6100, 24.8423, -34.7380**, and **23.8630, 17.8155, -20.9279** is the 20% darker color. If you saturate the color by 10%, you get **54.5760, 26.3380, -47.8632**, and if you desaturate by 10%, it is **60.2130, 23.5590, -43.1598**.

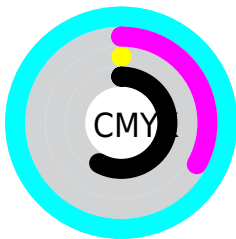
Distribution



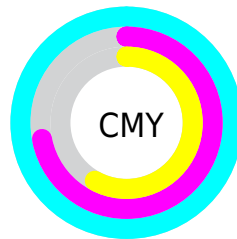
- Red (0%)
- Green (28%)
- Blue (42%)



- Red (0%)
- Yellow (17%)
- Blue (42%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (72%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.5760, 26.3380, -47.8632 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 54.5760, 26.3380, -47.8632 by changing the saturation by 10% instead.

■ 54.5760, 26.3380,
-47.8632

■ 54.5760, 26.3380,
-47.8632

■ 255.0000, 0.0000,
0.0000

■ 38.9260, 22.2215,
-34.1381

■ 109.6100, 24.8423,
-34.7380

■ 23.8630, 17.8155,
-20.9279

■ 136.3220, 24.9843,
-33.6084

■ 6.0930, 15.7302,
-5.3436

■ 162.8490, 25.7104,
-33.1936

■ 2.4110, 6.6994,
-2.1144

■ 190.8490, 25.7104,
-33.1936

■ 0.0000, 0.0000,
0.0000

■ 217.0250, 18.7217,
-31.5939

■ 241.2460, 6.7807,

-28.2797

■ 249.9170, 2.5059,
-10.4512

■ 54.5760, 26.3380,
-47.8632

■ 60.2130, 23.5590,
-43.1598

■ 65.2630, 21.0693,
-37.9417

■ 70.6010, 18.4377,
-33.8531

■ 75.6510, 15.9481,
-28.6349

■ 81.2880, 13.1690,
-23.9316

■ 86.9250, 10.3900,
-19.2282

■ 91.9750, 7.9003,
-14.0101

■ 97.3130, 5.2687,
-9.9215

■ 102.3630, 2.7790,
-4.7034

Harmonies

Analogous

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



55.7840, 20.8125, -48.9226



54.5760, 26.3380, -47.8632



67.3960, 19.5248, -9.1173

Triad

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



54.5760, 26.3380, -47.8632



67.9010, -6.3602, 33.4128



61.4420, -10.5709, -16.1736

Complementary

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



54.5760, 26.3380, -47.8632



53.4240, -26.3380, 47.8632

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.



64.7880, -18.6295, 1.9399



54.5760, 26.3380, -47.8632



66.9900, -14.7851, 28.9498

Square

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



54.5760, 26.3380, -47.8632



69.0990, 3.4022, 28.8542



66.2460, -19.8413, 17.3243



52.5120, 3.1986, -46.0530

Rectangle

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



54.5760, 26.3380, -47.8632



69.9420, 14.8186, 7.0669



66.2460, -19.8413, 17.3243



62.5630, -14.0816, -10.1408

Sweetspot

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



54.5760, 26.3380, -47.8632



119.2240, 10.2426, -18.6134



67.5000, -15.5295, -59.1975



58.8290, 6.0003, -11.2510



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



54.5760, 26.3380, -47.8632



71.1380, 33.9490, -62.3880



22.8780, 41.9651, -20.0640



51.0320, 1.4632, -2.6591



59.1240, 28.5329, -51.8517



123.6110, 59.8448, -108.4068

Inverse Universe

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



40.5000, 15.5295, 59.1975



52.4620, 19.9852, 76.7708



85.1220, -41.9651, 20.0640



50.2500, 0.8628, 3.2887



43.8750, 16.8236, 64.1306



91.8370, 35.0834, 134.3240

Previews

White Background



This preview shows how the YUV color 54.5760, 26.3380, -47.8632 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 54.5760, 26.3380, -47.8632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

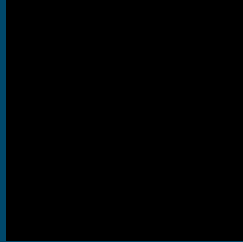
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.5760, 26.3380, -47.8632

Background



This preview shows how black text looks on a background with the YUV color 54.5760, 26.3380, -47.8632.



This preview shows how white text looks on a background with the YUV color 54.5760, 26.3380,

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

67.5160, 17.4936, -10.9765

Deuteranopia

65.4980, 21.4465, -18.8537

Tritanopia

53.8460, 13.3869, -47.2229

Trichromacy



Protanomaly

62.9380, 20.7366, -24.5016

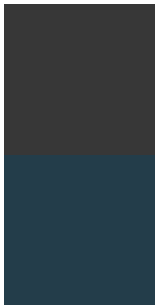
Deuteranomaly

61.3010, 23.5156, -29.2050

Tritanomaly

54.3990, 18.0443, -47.7079

Monochromacy



Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.7080, 9.5110, -17.2839

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.5760, 26.3380, -47.8632 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, 72, 108)` looks like.

```
.text, #text, p{  
    color:rgb(0, 72, 108)  
}
```

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, 72, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 72, 108) }
```

Border

The CSS property to change the border of an element to YUV 54.5760, 26.3380, -47.8632 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, 72, 108) }
```

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

```
.border{ border-color:rgb(0, 72, 108) }
```

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

Here you see how a box with a 4 pixel rgb(0, 72, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 72, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 72, 108);  
box-shadow:4px 4px 4px 4px rgb(0, 72, 108)  
}
```


Background

The CSS property to change the background color of an element to YUV 54.5760, 26.3380, -47.8632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 72, 108) }
```

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

```
.background{ background-color: rgb(0, 72,  
108) }
```

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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