

Converting Colors

YUV(76.7860, 14.4025,
-46.2933)

Have a look what the booklet for
YUV(76.7860, 14.4025, -46.2933)
contains.

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Color

**YUV(76.7860, 14.4025,
-46.2933)**

Conversions

Conversions Part 1

Format	Color
Hex	18626A
RGB	24, 98, 106
RGB Percent	9%, 38%, 42%
CMY	0.9059, 0.6157, 0.5843
CMYK	0.77, 0.08, 0.00, 0.58
HSL	186°, 63%, 25%
HSV	186°, 77%, 42%
XYZ	7.3459, 9.9702, 15.1729
YIQ	76.7860, -46.6720, -13.2000

Conversions

Conversions Part 2

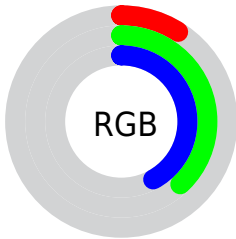
Format	Color
R_{YB}	24, 63, 106
Decimal	1598058
CIE _{Lab}	37.79, -18.87, -10.95
CIE _{LCh}	38, 21.816, 210.127
Yxy	9.9702, 0.2261, 0.3069
Android (android.graphics.Color)	4279788138 (0xFF18626A)
YUV	76.7860, 14.4025, -46.2933
Hunter-Lab	31.5756, -13.7301, -6.3876

Details

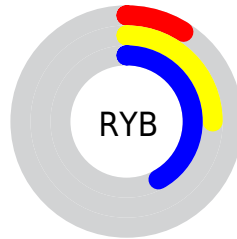
The YUV color **76.7860, 14.4025, -46.2933** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **53.2140, -14.4025, 46.2933**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.8790, 13.3707, -41.9899**, and **36.6630, 11.0121, -32.1535** is the 20% darker color. If you saturate the color by 10%, you get **72.9100, 16.3134, -52.5411**, and if you desaturate by 10%, it is **80.6620, 12.4916, -40.0456**.

Distribution



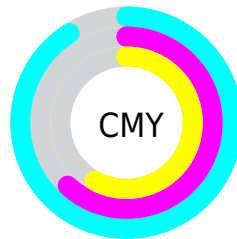
- Red (9%)
- Green (38%)
- Blue (42%)



- Red (9%)
- Yellow (25%)
- Blue (42%)



- Cyan (77%)
- Magenta (8%)
- Yellow (0%)
- Black (58%)



- Cyan (91%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.7860, 14.4025, -46.2933 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 76.7860, 14.4025, -46.2933 by changing the saturation by 10% instead.

■ 76.7860, 14.4025,
-46.2933

■ 76.7860, 14.4025,
-46.2933

255.0000, 0.0000,
0.0000

■ 52.7860, 14.4025,
-46.2933

■ 129.8790, 13.3707,
-41.9899

■ 36.6630, 11.0121,
-32.1535

■ 156.8790, 13.3707,
-41.9899

■ 22.4150, 7.1904,
-19.6580

■ 184.2920, 13.6600,
-41.4751

■ 2.4110, 6.6994,
-2.1144

■ 211.9930, 13.8075,
-42.0899

■ 0.0000, 0.0000,
0.0000

■ 236.4620, 9.1392,
-38.1162

■ 244.8340, 5.0118,

-20.9024

253.8040, 0.5896,
-2.4591

76.7860, 14.4025,
-46.2933

76.7860, 14.4025,
-46.2933

72.9100, 16.3134,
-52.5411

80.6620, 12.4916,
-40.0456

69.3330, 18.0768,
-58.1740

84.2390, 10.7282,
-34.4126

68.4360, 18.5191,
-60.0184

88.1150, 8.8173,
-28.1649

91.6920, 7.0538,
-22.5319

95.5680, 5.1430,
-16.2841

■ 99.4440, 3.2321,
-10.0364

■ 103.0210, 1.4686,
-4.4034

■ 106.8970, -0.4422,
1.8443

■ 110.4740, -2.2057,
7.4773

Harmonies

Analogous

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



79.5180, 4.1816, -34.6573



76.7860, 14.4025, -46.2933



80.3940, 19.0328, -38.0565

Triad

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



76.7860, 14.4025, -46.2933



91.1730, 7.8027, 17.3883



88.0110, -16.7674, 11.3914

Complementary

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



76.7860, 14.4025, -46.2933



53.2140, -14.4025, 46.2933

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.



89.2450, -14.9108, 22.5871



76.7860, 14.4025, -46.2933



90.7630, -0.3762, 27.3948

Square

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



76.7860, 14.4025, -46.2933



90.0830, 14.2561, 0.8042



90.1840, -8.9647, 28.7796



85.7210, -13.6665, -3.2633

Rectangle

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



76.7860, 14.4025, -46.2933



84.4710, 18.9948, -25.8461



90.1840, -8.9647, 28.7796



88.3320, -16.9257, 15.4948

Sweetspot

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



76.7860, 14.4025, -46.2933



126.6710, 5.5852, -18.1285



72.9320, -20.6725, -42.9134



62.1450, 3.3795, -10.6512



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



76.7860, 14.4025, -46.2933



92.0970, 22.6302, -71.9991



53.3060, 25.9781, -25.7014



51.6190, 1.1738, -3.1739



75.5600, 20.4299, -66.2661



157.6570, 43.0601, -138.2652

Inverse Universe

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



56.9540, 20.2357, 43.0133



61.3820, 31.3637, 67.1940



76.6940, -25.9781, 25.7014



50.3640, 1.2995, 3.1888



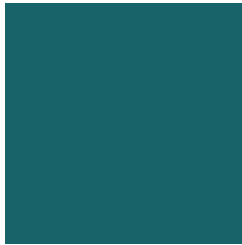
47.0670, 29.0540, 61.3312



98.4490, 60.4176, 128.5252

Previews

White Background



This preview shows how the YUV color 76.7860, 14.4025, -46.2933 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 76.7860, 14.4025, -46.2933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

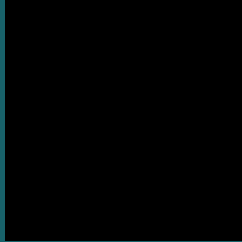
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.7860, 14.4025, -46.2933

Background



This preview shows how black text looks on a background with the YUV color 76.7860, 14.4025, -46.2933.



This preview shows how white text looks on a background with the YUV color 76.7860, 14.4025,

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

76.7860, 14.4025, -46.2933

Protanopia

88.9550, 4.9522, -1.7145

Deuteranopia

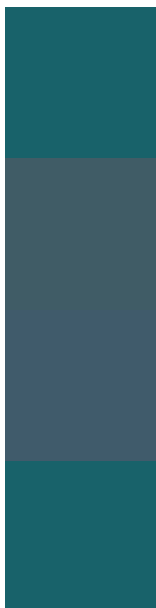
89.3940, 9.1728, -2.0995



Tritanopia

76.7860, 14.4025, -46.2933

Trichromacy



Original Color

76.7860, 14.4025, -46.2933

Protanomaly

84.7680, 8.4954, -18.2135

Deuteranomaly

84.7510, 10.9688, -18.1986

Tritanomaly

76.7860, 14.4025, -46.2933

Monochromacy



Original Color

76.7860, 14.4025, -46.2933

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.2690, 5.2904, -16.8989

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.7860, 14.4025, -46.2933 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(24, 98, 106)` looks like.

```
.text, #text, p{  
    color:rgb(24, 98, 106)  
}
```

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(24, 98, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 98, 106) }
```

Border

The CSS property to change the border of an element to YUV 76.7860, 14.4025, -46.2933 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(24, 98, 106) }
```


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

```
.border{ border-color:rgb(24, 98, 106) }
```

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

Here you see how a box with a 4 pixel rgb(24, 98, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 98, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 98, 106);  
box-shadow:4px 4px 4px 4px rgb(24, 98,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 76.7860, 14.4025, -46.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 98, 106) }
```

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

```
.background{ background-color: rgb(24, 98,  
106) }
```

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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