

Converting Colors

YUV(76.6620, 12.4916,
-40.0456)

Have a look what the booklet for
YUV(76.6620, 12.4916, -40.0456)
contains.

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Color

**YUV(76.6620, 12.4916,
-40.0456)**

Conversions

Conversions Part 1

Format	Color
Hex	1F5F66
RGB	31, 95, 102
RGB Percent	12%, 37%, 40%
CMY	0.8784, 0.6275, 0.6000
CMYK	0.70, 0.07, 0.00, 0.60
HSL	186°, 53%, 26%
HSV	186°, 70%, 40%
XYZ	7.0556, 9.4350, 14.0196
YIQ	76.6620, -40.3910, -11.3910

Conversions

Conversions Part 2

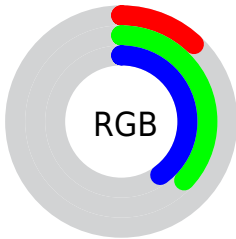
Format	Color
R_{YB}	31, 65, 102
Decimal	2056038
CIE _{Lab}	36.81, -17.49, -9.94
CIE _{LCh}	37, 20.117, 209.621
Yxy	9.4350, 0.2313, 0.3092
Android (android.graphics.Color)	4280246118 (0xFF1F5F66)
YUV	76.6620, 12.4916, -40.0456
Hunter-Lab	30.7165, -12.7526, -5.5596

Details

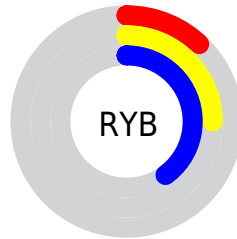
The YUV color **76.6620, 12.4916, -40.0456** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **56.3380, -12.4916, 40.0456**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.8580, 11.9020, -37.5865**, and **34.4460, 10.1331, -30.2091** is the 20% darker color. If you saturate the color by 10%, you get **73.0850, 14.2551, -45.6785**, and if you desaturate by 10%, it is **80.2390, 10.7282, -34.4126**.

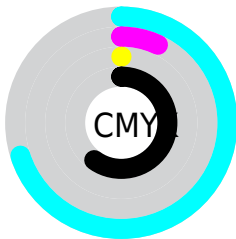
Distribution



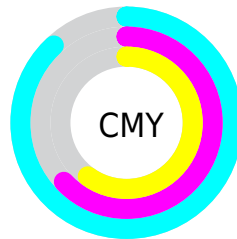
- Red (12%)
- Green (37%)
- Blue (40%)



- Red (12%)
- Yellow (25%)
- Blue (40%)



- Cyan (70%)
- Magenta (7%)
- Yellow (0%)
- Black (60%)



- Cyan (88%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.6620, 12.4916, -40.0456 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 76.6620, 12.4916, -40.0456 by changing the saturation by 10% instead.

■ 76.6620, 12.4916,
-40.0456

■ 76.6620, 12.4916,
-40.0456

■ 255.0000, 0.0000,
0.0000

■ 50.5690, 13.5235,
-44.3490

■ 128.8580, 11.9020,
-37.5865

■ 34.4460, 10.1331,
-30.2091

■ 154.9720, 12.3388,
-37.6864

■ 20.8990, 6.4588,
-18.3284

■ 182.5590, 12.0494,
-38.2012

■ 1.2540, 4.8048,
-1.0998

■ 210.5590, 12.0494,
-38.2012

■ 0.0000, 0.0000,
0.0000

■ 237.0600, 8.8444,
-36.8866

■ 245.4320, 4.7170,

-19.6729

254.4020, 0.2948,
-1.2296

■ 76.6620, 12.4916,
-40.0456

■ 76.6620, 12.4916,
-40.0456

■ 73.0850, 14.2551,
-45.6785

■ 80.2390, 10.7282,
-34.4126

■ 69.5080, 16.0186,
-51.3115

■ 83.8160, 8.9647,
-28.7796

■ 65.6320, 17.9294,
-57.5593

■ 87.6920, 7.0538,
-22.5319

■ 91.2690, 5.2904,
-16.8989

■ 94.8460, 3.5269,
-11.2659

■ 98.4230, 1.7635,
-5.6330

■ 102.0000, 0.0000,
0.0000

■ 105.8760, -1.9109,
6.2477

■ 109.4530, -3.6743,
11.8807

Harmonies

Analogous

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



78.4260, 3.7340, -31.0686



76.6620, 12.4916, -40.0456



79.8460, 16.8379, -34.0679

Triad

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



76.6620, 12.4916, -40.0456



88.9340, 6.9345, 15.8439



85.9400, -15.7464, 10.5766

Complementary

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



76.6620, 12.4916, -40.0456



56.3380, -12.4916, 40.0456

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.



86.8750, -13.7424, 21.1576



76.6620, 12.4916, -40.0456



88.3390, -0.6601, 25.1357

Square

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



76.6620, 12.4916, -40.0456



87.5560, 13.5299, 0.3894



87.9880, -8.3751, 26.3205



83.6610, -12.6509, -2.3337

Rectangle

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



76.6620, 12.4916, -40.0456



83.0260, 17.2422, -23.7018



87.9880, -8.3751, 26.3205



86.3750, -15.4679, 14.5801

Sweetspot

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



76.6620, 12.4916, -40.0456



122.8670, 4.9956, -15.6694



73.3610, -17.9260, -37.1506



60.6290, 2.6479, -9.3216



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.



76.6620, 12.4916, -40.0456



93.0550, 19.6929, -63.1922



56.7040, 22.3309, -22.5424



48.9180, 1.0264, -2.5591



73.5710, 20.4245, -64.5218



155.5540, 42.6179, -136.4209

Inverse Universe

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



59.5250, 17.4892, 37.2506



66.0020, 27.6070, 58.7572



76.2960, -22.3309, 22.5424



47.9510, 1.0102, 2.6740



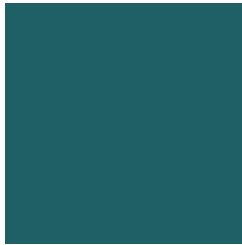
46.1270, 28.0384, 60.4016



97.2100, 59.5495, 126.9808

Previews

White Background



This preview shows how the YUV color 76.6620, 12.4916, -40.0456 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 76.6620, 12.4916, -40.0456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

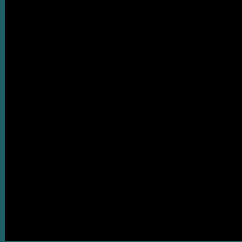
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

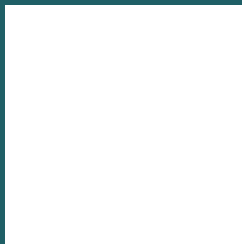
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 76.6620, 12.4916, -40.0456

Background



This preview shows how black text looks on a background with the YUV color 76.6620, 12.4916, -40.0456.



This preview shows how white text looks on a background with the YUV color 76.6620, 12.4916,

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

76.6620, 12.4916, -40.0456

Protanopia

86.8410, 4.5154, -1.6146

Deuteranopia

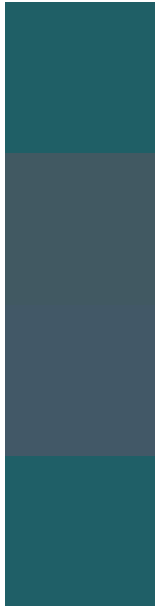
86.8780, 8.4411, -0.7700



Tritanopia

76.7760, 12.9284, -40.1456

Trichromacy



Original Color

76.6620, 12.4916, -40.0456

Protanomaly

82.8500, 7.4690, -15.6544

Deuteranomaly

83.1320, 9.7949, -15.0248

Tritanomaly

76.7760, 12.9284, -40.1456

Monochromacy



Original Color

76.6620, 12.4916, -40.0456

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.0520, 4.4114, -14.9546

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.6620, 12.4916, -40.0456 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(31, 95, 102)` looks like.

```
.text, #text, p{  
    color:rgb(31, 95, 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(31, 95, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 95, 102) }
```

Border

The CSS property to change the border of an element to YUV 76.6620, 12.4916, -40.0456 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(31, 95, 102) }
```


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

```
.border{ border-color:rgb(31, 95, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 95, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 95, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 95, 102);  
box-shadow:4px 4px 4px 4px rgb(31, 95,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 76.6620, 12.4916, -40.0456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 95, 102) }
```

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

```
.background{ background-color: rgb(31, 95,  
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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