

Converting Colors

YUV(75.8990, 6.4588, -18.3284)

Have a look what the booklet for
YUV(75.8990, 6.4588, -18.3284)
contains.

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Color

**YUV(75.8990, 6.4588,
-18.3284)**

Conversions

Conversions Part 1	
Format	Color
Hex	375459
RGB	55, 84, 89
RGB Percent	22%, 33%, 35%
CMY	0.7843, 0.6706, 0.6510
CMYK	0.38, 0.06, 0.00, 0.65
HSL	189°, 24%, 28%
HSV	189°, 38%, 35%
XYZ	6.5490, 7.8741, 10.6259
YIQ	75.8990, -18.8890, -4.5930

Conversions

Conversions Part 2

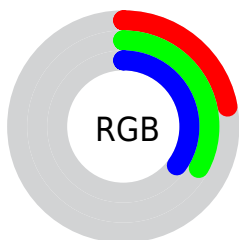
Format	Color
RYB	55, 71, 89
Decimal	3626073
CIELab	33.72, -9.33, -6.36
CIELCh	34, 11.286, 214.281
Yxy	7.8741, 0.2614, 0.3143
Android (android.graphics.Color)	4281816153 (0xFF375459)
YUV	75.8990, 6.4588, -18.3284
Hunter-Lab	28.0609, -7.4470, -2.8088

Details

The YUV color **75.8990, 6.4588, -18.3284** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68.1010, -6.4588, 18.3284**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.6000, 6.6062, -18.9432**, and **30.3010, 6.7536, -19.5580** is the 20% darker color. If you saturate the color by 10%, you get **72.6210, 8.0748, -23.3466**, and if you desaturate by 10%, it is **79.1770, 4.8427, -13.3102**.

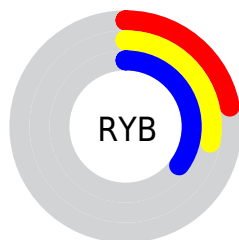
Distribution



Red (22%)

Green (33%)

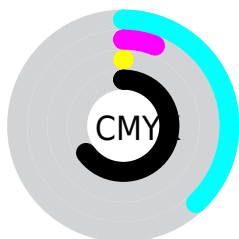
Blue (35%)



Red (22%)

Yellow (28%)

Blue (35%)

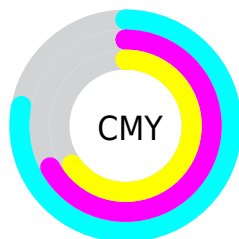


Cyan (38%)

Magenta (6%)

Yellow (0%)

Black (65%)



Cyan (78%)

Magenta (67%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.8990, 6.4588, -18.3284 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 75.8990, 6.4588, -18.3284 by changing the saturation by 10% instead.


 75.8990, 6.4588,
-18.3284


 75.8990, 6.4588,
-18.3284


255.0000, 0.0000,
0.0000

 52.8990, 6.4588,
-18.3284


 125.6000, 6.6062,
-18.9432


 30.3010, 6.7536,
-19.5580

 151.3010, 6.7536,
-19.5580


 13.7750, 4.5479,
-12.0807

 178.0020, 6.9010,
-20.1728

 0.0000, 0.0000,
0.0000

 205.4150, 7.1904,
-19.6580

 233.8170, 7.4852,
-20.8875

 250.2160, 2.3585,

-9.8364

■ 75.8990, 6.4588,
-18.3284

■ 75.8990, 6.4588,
-18.3284

■ 72.6210, 8.0748,
-23.3466

■ 79.1770, 4.8427,
-13.3102

■ 68.7560, 9.9803,
-27.8500

■ 83.0420, 2.9373,
-8.8068

■ 65.4780, 11.5963,
-32.8682

■ 86.3200, 1.3212,
-3.7886

■ 62.2000, 13.2124,
-37.8864

■ 89.5980, -0.2948,
1.2296

■ 58.6340, 14.9704,
-41.7750

■ 93.1640, -2.0529,
5.1182

■ 55.3560, 16.5865,
-46.7932

■ 96.4420, -3.6689,
10.1364

■ 54.7580, 16.8813,
-48.0228

■ 99.7200, -5.2850,
15.1546

■ 102.9980, -6.9010,
20.1728

■ 106.8630, -8.8065,
24.6761

Harmonies

Analogous

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



75.4710, 2.2328, -16.1991



75.8990, 6.4588, -18.3284



76.9040, 8.9213, -14.8248

Triad

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



75.8990, 6.4588, -18.3284



80.8640, 3.0250, 9.7663



78.8560, -8.3100, 5.3883

Complementary

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



75.8990, 6.4588, -18.3284



68.1010, -6.4588, 18.3284

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.



79.6010, -8.1843, 11.7509



75.8990, 6.4588, -18.3284



80.7460, -1.3538, 14.2548

Square

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



75.8990, 6.4588, -18.3284



80.7320, 6.5411, 1.9890



80.4210, -5.1376, 14.5398



77.8550, -6.8305, -2.5038

Rectangle

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



75.8990, 6.4588, -18.3284



78.6380, 9.0525, -10.2065



80.4210, -5.1376, 14.5398



79.1660, -8.4628, 7.7474

Sweetspot

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



75.8990, 6.4588, -18.3284



109.9390, 2.4951, -6.9625



75.5280, -7.6553, -18.0031



56.0210, 1.4686, -4.4034



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



75.8990, 6.4588, -18.3284



94.4570, 10.1277, -28.4648



65.9200, 11.3784, -9.5768



41.8040, 0.5896, -2.4591



65.6150, 20.4028, -57.5444



144.1900, 44.7693, -126.4546

Inverse Universe

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



68.4720, 7.6553, 18.0031



82.9770, 11.8433, 28.0842



78.0800, -11.3784, 9.5768



40.6520, 1.1576, 2.0592



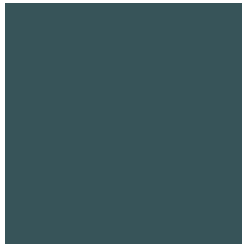
42.3670, 23.9761, 56.6831



93.0650, 52.7190, 124.4770

Previews

White Background



This preview shows how the YUV color 75.8990, 6.4588, -18.3284 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 75.8990, 6.4588, -18.3284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

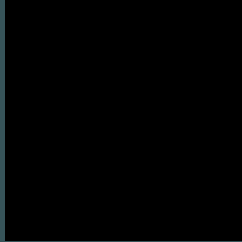
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.8990, 6.4588, -18.3284

Background



This preview shows how black text looks on a background with the YUV color 75.8990, 6.4588, -18.3284.



This preview shows how white text looks on a background with the YUV color 75.8990, 6.4588,

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

75.8990, 6.4588, -18.3284

Protanopia

79.7980, 3.0576, -0.6998

Deuteranopia

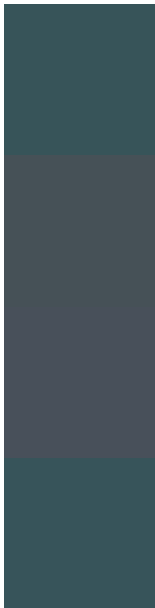
79.6780, 5.0887, 1.1594



Tritanopia

76.0130, 6.8956, -18.4284

Trichromacy



Original Color
75.8990, 6.4588, -18.3284

Protanomaly
78.3950, 4.2423, -7.3624

Deuteranomaly
78.7480, 5.5472, -5.9180

Tritanomaly
76.0130, 6.8956, -18.4284

Monochromacy



Original Color
75.8990, 6.4588, -18.3284

Achromatopsia
76.0000, 0.0000, 0.0000

Achromatomaly
75.9390, 2.4951, -6.9625

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.8990, 6.4588, -18.3284 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(55, 84, 89)` looks like.

```
.text, #text, p{  
    color:rgb(55, 84, 89)  
}
```

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(55, 84, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 84, 89) }
```

Border

The CSS property to change the border of an element to YUV 75.8990, 6.4588, -18.3284 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(55, 84, 89) }
```


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

```
.border{ border-color:rgb(55, 84, 89) }
```

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

Here you see how a box with a 4 pixel rgb(55, 84, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 84, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 84, 89);  
box-shadow:4px 4px 4px 4px rgb(55, 84, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.8990, 6.4588, -18.3284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 84, 89) }
```

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

```
.background{ background-color: rgb(55, 84,  
89) }
```

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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