

Converting Colors

YUV(74.6360, 12.0115,
-25.9908)

Have a look what the booklet for
YUV(74.6360, 12.0115, -25.9908)
contains.

YUV(74.6360, 12.0115, -25.9908)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(74.6360, 12.0115,
-25.9908)**

Conversions

Conversions Part 1

Format	Color
Hex	2D5563
RGB	45, 85, 99
RGB Percent	18%, 33%, 39%
CMY	0.8235, 0.6667, 0.6118
CMYK	0.55, 0.14, 0.00, 0.61
HSL	196°, 38%, 28%
HSV	196°, 55%, 39%
XYZ	6.5828, 7.9557, 12.9930
YIQ	74.6360, -28.3340, -4.1260

Conversions

Conversions Part 2

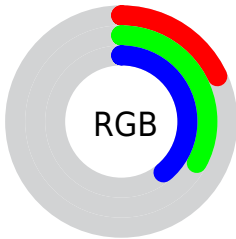
Format	Color
RYB	45, 68, 99
Decimal	2970979
CIELab	33.89, -9.71, -12.45
CIElCh	34, 15.787, 232.037
Yxy	7.9557, 0.2391, 0.2890
Android (android.graphics.Color)	4281161059 (0xFF2D5563)
YUV	74.6360, 12.0115, -25.9908
Hunter-Lab	28.2059, -7.7013, -7.5678

Details

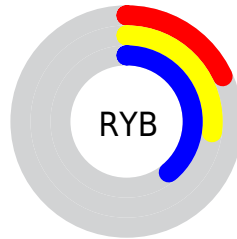
The YUV color **74.6360, 12.0115, -25.9908** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **69.3640, -12.0115, 25.9908**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.7500, 12.4482, -26.0907**, and **29.4080, 11.1379, -25.7908** is the 20% darker color. If you saturate the color by 10%, you get **69.8850, 14.3537, -30.5941**, and if you desaturate by 10%, it is **79.3870, 9.6692, -21.3874**.

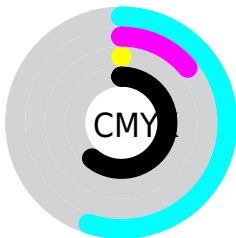
Distribution



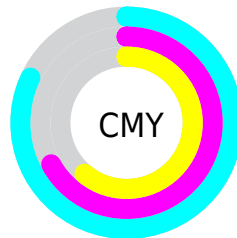
- Red (18%)
- Green (33%)
- Blue (39%)



- Red (18%)
- Yellow (27%)
- Blue (39%)



- Cyan (55%)
- Magenta (14%)
- Yellow (0%)
- Black (61%)



- Cyan (82%)
- Magenta (67%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.6360, 12.0115, -25.9908 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 74.6360, 12.0115, -25.9908 by changing the saturation by 10% instead.

■ 74.6360, 12.0115,
-25.9908

■ 74.6360, 12.0115,
-25.9908

■ 255.0000, 0.0000,
0.0000

■ 50.6250, 12.0169,
-27.7351

■ 124.7500, 12.4482,
-26.0907

■ 29.4080, 11.1379,
-25.7908

■ 150.7500, 12.4483,
-26.0907

■ 15.2740, 7.7529,
-13.3953

■ 177.8640, 12.8850,
-26.1907

■ 0.5700, 2.1840,
-0.4999

■ 205.5650, 13.0325,
-26.8055

■ 0.0000, 0.0000,
0.0000

■ 232.9950, 10.8485,
-26.3056

■ 247.8240, 3.5378,

-14.7546

■ 74.6360, 12.0115,
-25.9908

■ 74.6360, 12.0115,
-25.9908

■ 69.8850, 14.3537,
-30.5941

■ 79.3870, 9.6692,
-21.3874

■ 65.7210, 16.4065,
-35.7123

■ 83.5510, 7.6164,
-16.2692

■ 60.9700, 18.7488,
-40.3157

■ 88.3020, 5.2741,
-11.6659

■ 56.8060, 20.8016,
-45.4339

■ 92.4660, 3.2213,
-6.5477

■ 54.1370, 22.1175,
-47.4781

■ 97.2170, 0.8790,
-1.9443

■ 101.0820, -1.0264,
2.5591

■ 105.8330, -3.3687,
7.1625

■ 110.5840, -5.7109,
11.7658

■ 114.7480, -7.7638,
16.8840

Harmonies

Analogous

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



73.7730, 7.5069, -27.8649



74.6360, 12.0115, -25.9908



77.6310, 12.9999, -16.3394

Triad

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



74.6360, 12.0115, -25.9908



81.7510, 1.1088, 17.7584



78.1390, -10.9145, 0.7551

Complementary

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



74.6360, 12.0115, -25.9908



69.3640, -12.0115, 25.9908

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.



79.5640, -12.1101, 10.9064



74.6360, 12.0115, -25.9908



81.1660, -5.0118, 20.9024

Square

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



74.6360, 12.0115, -25.9908



81.4880, 6.6614, 10.0960



80.4770, -10.0952, 17.9987



76.6260, -6.2246, -10.1960

Rectangle

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



74.6360, 12.0115, -25.9908



79.4580, 12.0992, -7.4177



80.4770, -10.0952, 17.9987



78.9330, -11.7990, 4.4438

Sweetspot

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



74.6360, 12.0115, -25.9908



118.1990, 4.8319, -9.8215



78.2940, -9.5119, -29.1988



58.6510, 2.6371, -5.8329



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



74.6360, 12.0115, -25.9908



90.2690, 18.6014, -39.7009



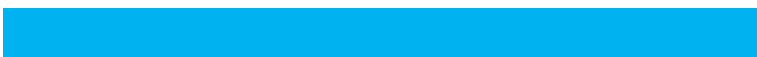
59.3740, 19.5356, -12.6060



46.2170, 0.8790, -1.9443



61.4890, 24.9019, -53.9259



131.8460, 53.3199, -115.6289

Inverse Universe

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



65.7060, 9.5119, 29.1988



76.7710, 14.4099, 44.9278



85.2130, -19.8250, 12.0912



45.5380, 0.7208, 2.1592



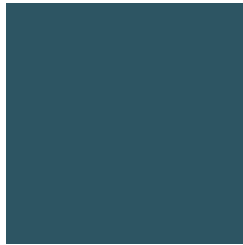
42.9500, 19.7447, 60.5568



92.0520, 42.3724, 129.7504

Previews

White Background



This preview shows how the YUV color 74.6360, 12.0115, -25.9908 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 74.6360, 12.0115, -25.9908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

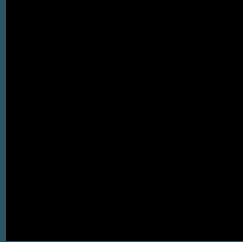
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.6360, 12.0115, -25.9908

Background



This preview shows how black text looks on a background with the YUV color 74.6360, 12.0115, -25.9908.



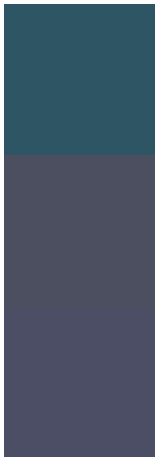
This preview shows how white text looks on a background with the YUV color 74.6360, 12.0115,

-25.9908.

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

74.6360, 12.0115, -25.9908

Protanopia

79.9270, 7.4310, -3.4440

Deuteranopia

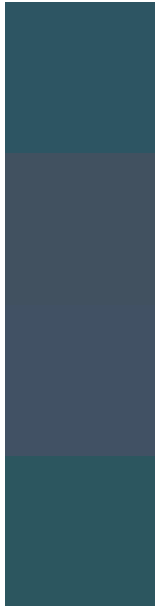
80.0240, 10.3412, -3.5290



Tritanopia

73.9410, 9.3961, -27.1353

Trichromacy



Original Color

74.6360, 12.0115, -25.9908

Protanomaly

77.9260, 8.9105, -11.3361

Deuteranomaly

78.3820, 10.6577, -11.7360

Tritanomaly

74.4680, 10.1223, -26.7204

Monochromacy



Original Color

74.6360, 12.0115, -25.9908

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.0850, 4.3951, -9.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.6360, 12.0115, -25.9908 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(45, 85, 99)` looks like.

```
.text, #text, p{  
    color:rgb(45, 85, 99)  
}
```

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(45, 85, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 85, 99) }
```

Border

The CSS property to change the border of an element to YUV 74.6360, 12.0115, -25.9908 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(45, 85, 99) }
```


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

```
.border{ border-color:rgb(45, 85, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 85, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 85, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 85, 99);  
box-shadow:4px 4px 4px 4px rgb(45, 85, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.6360, 12.0115, -25.9908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 85, 99) }
```

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

```
.background{ background-color: rgb(45, 85,  
99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor