

Converting Colors

YUV(76.6260, -6.2246, -10.1960)

Have a look what the booklet for
YUV(76.6260, -6.2246, -10.1960)
contains.

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Color

**YUV(76.6260, -6.2246,
-10.1960)**

Conversions

Conversions Part 1

Format	Color
Hex	415540
RGB	65, 85, 64
RGB Percent	25%, 33%, 25%
CMY	0.7451, 0.6667, 0.7490
CMYK	0.24, 0.00, 0.25, 0.67
HSL	117°, 14%, 29%
HSV	117°, 25%, 33%
XYZ	6.3539, 7.9910, 6.0580
YIQ	76.6260, -5.1790, -10.7710

Conversions

Conversions Part 2

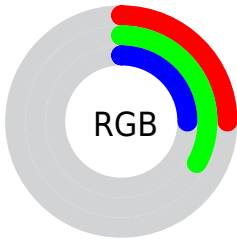
Format	Color
RYB	64, 85, 84
Decimal	4281664
CIELab	33.96, -12.44, 9.79
CIELCh	34, 15.830, 141.782
Yxy	7.9910, 0.3114, 0.3917
Android (android.graphics.Color)	4282471744 (0xFF415540)
YUV	76.6260, -6.2246, -10.1960
Hunter-Lab	28.2683, -9.3480, 7.0817

Details

The YUV color **76.6260, -6.2246, -10.1960** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.3740, 6.2246, 10.1960**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8000, -6.8034, -11.2256**, and **32.1530, -5.4984, -9.7812** is the 20% darker color. If you saturate the color by 10%, you get **73.2080, -8.9765, -14.2144**, and if you desaturate by 10%, it is **80.0440, -3.4727, -6.1776**.

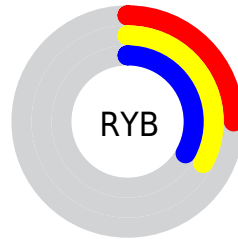
Distribution



 Red (25%)

 Green (33%)

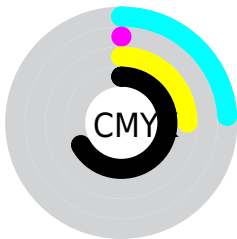
 Blue (25%)




 Red (25%)

 Yellow (33%)

 Blue (33%)

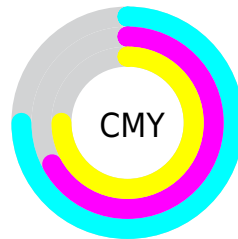


 Cyan (24%)

 Magenta (0%)

 Yellow (25%)

 Black (67%)



 Cyan (75%)

 Magenta (67%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.6260, -6.2246, -10.1960 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 76.6260, -6.2246, -10.1960 by changing the saturation by 10% instead.

■ 76.6260, -6.2246,
-10.1960

■ 76.6260, -6.2246,
-10.1960

■ 255.0000, 0.0000,
0.0000

■ 54.0390, -5.9352,
-9.6812

■ 125.8000, -6.8034,
-11.2256

■ 32.1530, -5.4984,
-9.7812

■ 151.6860, -7.2402,
-11.1256

■ 11.7400, -5.7878,
-10.2960

■ 178.2730, -7.5296,
-11.6404

■ 0.0000, 0.0000,
0.0000

■ 205.9740, -7.3822,
-12.2552

■ 233.8600, -7.8190,
-12.1552

■ 252.2940, -2.6099,

-2.8888

■ 76.6260, -6.2246,
-10.1960

■ 76.6260, -6.2246,
-10.1960

■ 73.2080, -8.9765,
-14.2144

■ 80.0440, -3.4727,
-6.1776

■ 69.9040, -11.2917,
-18.3328

■ 83.3480, -1.1576,
-2.0592

■ 66.6000, -13.6068,
-22.4512

■ 86.6520, 1.1576,
2.0592

■ 63.1820, -16.3587,
-26.4696

■ 90.0700, 3.9095,
6.0776

■ 59.7640, -19.1107,
-30.4880

■ 93.3740, 6.2246,
10.1960

■ 56.1610, -21.2784,
-35.2212

■ 97.0910, 8.8291,
14.8292

■ 52.8570, -23.5935,
-39.3396

■ 100.3950, 11.1443,
18.9476

■ 51.0910, -25.1879,
-41.2988

■ 103.8130, 13.8962,
22.9660

■ 107.1170, 16.2113,
27.0844

Harmonies

Analogous

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



78.1390, -10.9145, 0.7551



76.6260, -6.2246, -10.1960



74.9820, 0.5019, -21.0322

Triad

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



76.6260, -6.2246, -10.1960



77.6310, 12.9999, -16.3394



81.1660, -5.0118, 20.9024

Complementary

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



76.6260, -6.2246, -10.1960



72.3740, 6.2246, 10.1960

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.



81.7510, 1.1088, 17.7584



76.6260, -6.2246, -10.1960



80.5510, 11.0674, -3.1142

Square

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



76.6260, -6.2246, -10.1960



74.6360, 12.0115, -25.9908



82.1890, 6.8088, 9.4812



80.5910, -9.6584, 17.8987

Rectangle

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



76.6260, -6.2246, -10.1960



73.9150, 5.4649, -26.2355



82.1890, 6.8088, 9.4812



81.6220, -3.2646, 20.5025

Sweetspot

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



76.6260, -6.2246, -10.1960



106.6960, -2.3151, -4.1184



82.0190, -8.8834, 2.6143



54.3480, -1.1576, -2.0592



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



76.6260, -6.2246, -10.1960



96.6700, -9.6973, -16.3736



77.3530, -2.1460, -11.7106



41.3480, -1.1576, -2.0592



64.3040, -31.7019, -52.0096



141.2340, -69.6284, -114.2152

Inverse Universe

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



72.3740, 6.2246, 10.1960



90.0310, 9.8447, 15.7588



71.6470, 2.1460, 11.7106



40.6520, 1.1576, 2.0592



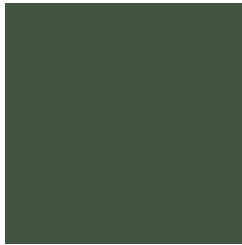
42.6960, 31.7019, 52.0096



93.4670, 69.7758, 113.6004

Previews

White Background



This preview shows how the YUV color 76.6260, -6.2246, -10.1960 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 76.6260, -6.2246, -10.1960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

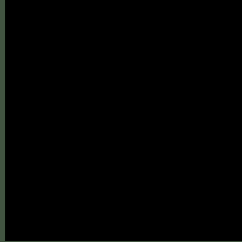
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.6260, -6.2246, -10.1960

Background



This preview shows how black text looks on a background with the YUV color 76.6260, -6.2246, -10.1960.



This preview shows how white text looks on a background with the YUV color 76.6260, -6.2246, -10.1960.

-10.1960.

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

76.6260, -6.2246, -10.1960

Protanopia

79.3290, -9.0362, 4.9735

Deuteranopia

80.2310, -7.0159, 10.3214



Tritanopia

78.7970, 4.5371, -8.5920

Trichromacy



Original Color

76.6260, -6.2246, -10.1960

Protanomaly

78.5240, -8.1463, -0.4595

Deuteranomaly

78.8880, -6.8468, 2.7292

Tritanomaly

78.0590, 0.4639, -8.8217

Monochromacy



Original Color

76.6260, -6.2246, -10.1960

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9950, -2.4625, -3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.6260, -6.2246, -10.1960 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(65, 85, 64)` looks like.

```
.text, #text, p{  
    color:rgb(65, 85, 64)  
}
```

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(65, 85, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 85, 64) }
```

Border

The CSS property to change the border of an element to YUV 76.6260, -6.2246, -10.1960 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(65, 85, 64) }
```


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

```
.border{ border-color:rgb(65, 85, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 85, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 85, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 85, 64);  
box-shadow:4px 4px 4px 4px rgb(65, 85, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.6260, -6.2246, -10.1960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 85, 64) }
```

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

```
.background{ background-color: rgb(65, 85,  
64) }
```

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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