

Converting Colors

YUV(78.3780, -7.0884, -59.9675)

Have a look what the booklet for
YUV(78.3780, -7.0884, -59.9675)
contains.

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Color

**YUV(78.3780, -7.0884,
-59.9675)**

Conversions

Conversions Part 1

Format	Color
Hex	0A7440
RGB	10, 116, 64
RGB Percent	4%, 45%, 25%
CMY	0.9608, 0.5451, 0.7490
CMYK	0.91, 0.00, 0.45, 0.55
HSL	151°, 84%, 25%
HSV	151°, 91%, 45%
XYZ	7.2960, 12.9255, 6.9608
YIQ	78.3780, -46.4840, -38.6440

Conversions

Conversions Part 2

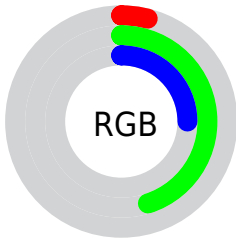
Format	Color
RYB	10, 80, 116
Decimal	685120
CIELab	42.65, -40.31, 21.15
CIELCh	43, 45.521, 152.312
Yxy	12.9255, 0.2684, 0.4755
Android (android.graphics.Color)	4278875200 (0xFF0A7440)
YUV	78.3780, -7.0884, -59.9675
Hunter-Lab	35.9520, -26.6919, 13.6870

Details

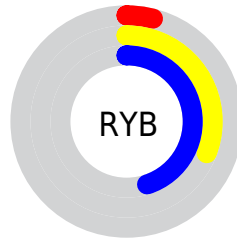
The YUV color **78.3780, -7.0884, -59.9675** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **47.6220, 7.0884, 59.9675**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.2930, -11.4834, -50.2460**, and **41.0220, -10.3638, -35.9763** is the 20% darker color. If you saturate the color by 10%, you get **74.8180, -7.7983, -65.6154**, and if you desaturate by 10%, it is **82.6500, -6.2365, -53.1901**.

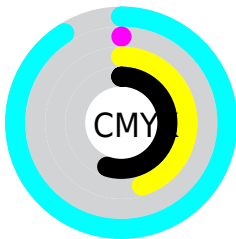
Distribution



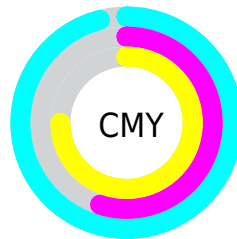
- Red (4%)
- Green (45%)
- Blue (25%)



- Red (4%)
- Yellow (31%)
- Blue (45%)



- Cyan (91%)
- Magenta (0%)
- Yellow (45%)
- Black (55%)



- Cyan (96%)
- Magenta (55%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.3780, -7.0884, -59.9675 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 78.3780, -7.0884, -59.9675 by changing the saturation by 10% instead.

■ 78.3780, -7.0884,
-59.9675

■ 78.3780, -7.0884,
-59.9675

255.0000, 0.0000,
0.0000

■ 58.0910, -8.4259,
-50.9458

■ 135.2930,
-11.4834, -50.2460

■ 41.0220, -10.3638,
-35.9763

■ 163.0650,
-12.3570, -50.0460

■ 25.8280, -12.7332,
-22.6512

■ 190.6520,
-12.6464, -50.5608

■ 9.9790, -4.9196,
-8.7516

■ 219.1250,
-13.3726, -50.9756

■ 0.0000, 0.0000,
0.0000

■ 231.5750, -5.7065,
-36.4613

■ 243.4380, 2.2491,

-21.4321

252.9070, 1.0318,
-4.3034

78.3780, -7.0884,
-59.9675

78.3780, -7.0884,
-59.9675

74.8180, -7.7983,
-65.6154

82.6500, -6.2365,
-53.1901

86.5090, -5.6739,
-46.9274

90.7810, -4.8220,
-40.1499

94.7540, -3.8227,
-33.9873

98.9120, -3.4076,
-27.1098

■ 103.1840, -2.5557,
-20.3324

■ 107.1570, -1.5564,
-14.1697

■ 111.4290, -0.7045,
-7.3922

■ 115.2880, -0.1420,
-1.1296

Harmonies

Analogous

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



91.7250, -29.9374, -11.1598



78.3780, -7.0884, -59.9675



81.5950, 10.5527, -71.5588

Triad

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



78.3780, -7.0884, -59.9675



81.1120, 46.7798, -71.1352



98.4930, -17.4980, 59.2036

Complementary

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



78.3780, -7.0884, -59.9675



47.6220, 7.0884, 59.9675

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.



99.3740, -0.1844, 59.3080



78.3780, -7.0884, -59.9675



102.4480, 30.8381, 2.2381

Square

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



78.3780, -7.0884, -59.9675



85.9560, 39.9547, -75.3834



102.6070, 16.4627, 39.8097



98.0830, -32.5789, 42.9002

Rectangle

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



78.3780, -7.0884, -59.9675



84.4450, 21.4726, -74.0583



102.6070, 16.4627, 39.8097



97.9970, -11.8305, 61.3926

Sweetspot

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



78.3780, -7.0884, -59.9675



135.8740, -2.4029, -22.6915



88.0690, -38.4880, -21.9855



68.0430, -1.9932, -14.0697



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



78.3780, -7.0884, -59.9675



96.8280, -9.7752, -84.9182



84.3060, 15.6251, -65.1664



56.8640, -0.4260, -3.3887



78.6820, -8.2242, -69.0041



161.2280, -16.8744, -141.3970

Inverse Universe

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



47.6220, 7.0884, 59.9675



53.2860, 10.2120, 84.8182



41.6940, -15.6251, 65.1664



55.1360, 0.4260, 3.3887



43.3180, 8.2242, 69.0041



88.7720, 16.8744, 141.3970

Previews

White Background



This preview shows how the YUV color 78.3780, -7.0884, -59.9675 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 × Fail

Black Background



This preview shows how the YUV color 78.3780, -7.0884, -59.9675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 78.3780, -7.0884, -59.9675

Background



This preview shows how black text looks on a background with the YUV color 78.3780, -7.0884, -59.9675.



This preview shows how white text looks on a background with the YUV color 78.3780, -7.0884, -59.9675.

-59.9675.

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

78.3780, -7.0884, -59.9675

Protanopia

98.2020, -19.8196, 10.3468

Deuteranopia

100.0980, -15.3313, 17.4541



Tritanopia

91.2920, 13.6600, -41.4751

Trichromacy



Original Color

78.3780, -7.0884, -59.9675

Protanomaly

91.1880, -15.3757, -15.0739

Deuteranomaly

92.0190, -12.3344, -10.5407

Tritanomaly

86.5980, 6.1142, -47.8824

Monochromacy



Original Color

78.3780, -7.0884, -59.9675

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.1730, -2.5503, -22.0767

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.3780, -7.0884, -59.9675 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(10, 116, 64)` looks like.

```
.text, #text, p{  
    color:rgb(10, 116, 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(10, 116, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 116, 64) }
```

Border

The CSS property to change the border of an element to YUV 78.3780, -7.0884, -59.9675 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(10, 116, 64) }
```


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

```
.border{ border-color:rgb(10, 116, 64) }
```

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

Here you see how a box with a 4 pixel rgb(10, 116, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 116, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 116, 64);  
box-shadow:4px 4px 4px 4px rgb(10, 116,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 78.3780, -7.0884, -59.9675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 116, 64) }
```

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

```
.background{ background-color: rgb(10, 116,  
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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