

Converting Colors

YUV(76.2420, 6.2897, -10.7362)

Have a look what the booklet for
YUV(76.2420, 6.2897, -10.7362)
contains.

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Color

**YUV(76.2420, 6.2897,
-10.7362)**

Conversions

Conversions Part 1

Format	Color
Hex	405059
RGB	64, 80, 89
RGB Percent	25%, 31%, 35%
CMY	0.7490, 0.6863, 0.6510
CMYK	0.28, 0.10, 0.00, 0.65
HSL	202°, 16%, 30%
HSV	202°, 28%, 35%
XYZ	6.7862, 7.5486, 10.5505
YIQ	76.2420, -12.4250, -0.5930

Conversions

Conversions Part 2

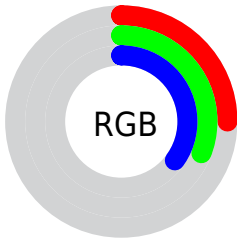
Format	Color
RYB	64, 74, 89
Decimal	4214873
CIELab	33.02, -3.89, -7.34
CIElCh	33, 8.302, 242.097
Yxy	7.5486, 0.2727, 0.3033
Android (android.graphics.Color)	4282404953 (0xFF405059)
YUV	76.2420, 6.2897, -10.7362
Hunter-Lab	27.4747, -3.9916, -3.5357

Details

The YUV color **76.2420, 6.2897, -10.7362** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76.7580, -6.2897, 10.7362**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.0570, 6.8739, -11.4510**, and **32.1280, 5.8529, -10.6363** is the 20% darker color. If you saturate the color by 10%, you get **71.7900, 8.4845, -14.7248**, and if you desaturate by 10%, it is **80.6940, 4.0949, -6.7476**.

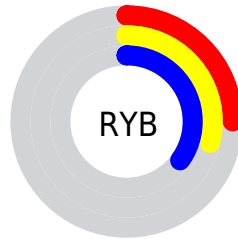
Distribution



Red (25%)

Green (31%)

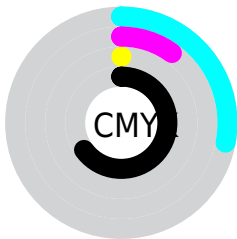
Blue (35%)



Red (25%)

Yellow (29%)

Blue (35%)

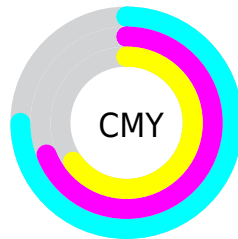


Cyan (28%)

Magenta (10%)

Yellow (0%)

Black (65%)



Cyan (75%)

Magenta (69%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.2420, 6.2897, -10.7362 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 76.2420, 6.2897, -10.7362 by changing the saturation by 10% instead.

■ 76.2420, 6.2897,
-10.7362

■ 76.2420, 6.2897,
-10.7362

■ 255.0000, 0.0000,
0.0000

■ 53.2420, 6.2897,
-10.7362

■ 125.0570, 6.8739,
-11.4510

■ 32.1280, 5.8529,
-10.6363

■ 151.0570, 6.8739,
-11.4510

■ 10.8400, 5.9949,
-9.5067

■ 177.7580, 7.0213,
-12.0658

■ 0.0000, 0.0000,
0.0000

■ 205.7580, 7.0213,
-12.0658

■ 233.8720, 7.4581,
-12.1657

■ 252.9070, 1.0318,

-4.3034

■ 76.2420, 6.2897,
-10.7362

■ 76.2420, 6.2897,
-10.7362

■ 71.7900, 8.4845,
-14.7248

■ 80.6940, 4.0949,
-6.7476

■ 67.3380, 10.6794,
-18.7134

■ 85.1460, 1.9000,
-2.7590

■ 62.2990, 13.1636,
-22.1872

■ 90.1850, -0.5842,
0.7148

■ 57.8470, 15.3584,
-26.1758

■ 94.6370, -2.7790,
4.7034

■ 53.6940, 17.4059,
-29.5496

■ 99.0890, -4.9739,
8.6919

■ 49.2420, 19.6007,
-33.5382

■ 103.2420, -7.0213,
12.0658

■ 44.7900, 21.7955,
-37.5268

■ 107.6940, -9.2161,
16.0544

■ 43.6050, 22.3797,
-38.2416

■ 112.7330,
-11.7004, 19.5282

■ 117.1850,
-13.8952, 23.5168

Harmonies

Analogous

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



75.3620, 4.2585, -12.5955



76.2420, 6.2897, -10.7362



77.3890, 6.7102, -5.6032

Triad

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



76.2420, 6.2897, -10.7362



78.8380, -0.9061, 10.6661



76.3220, -5.0887, -1.1594

Complementary

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



76.2420, 6.2897, -10.7362



76.7580, -6.2897, 10.7362

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.



77.1270, -5.9786, 4.2736



76.2420, 6.2897, -10.7362



78.7410, -3.8163, 10.7511

Square

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



76.2420, 6.2897, -10.7362



79.0270, 2.4517, 6.9923



77.8610, -5.8475, 8.8919



75.9730, -2.4517, -6.9923

Rectangle

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



76.2420, 6.2897, -10.7362



78.4820, 5.6784, -1.2997



77.8610, -5.8475, 8.8919



77.2190, -5.5310, 0.6849

Sweetspot

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



76.2420, 6.2897, -10.7362



109.9610, 2.4842, -3.4738



79.7010, -3.3036, -13.7698



56.0320, 1.4632, -2.6591



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.



76.2420, 6.2897, -10.7362



95.1210, 9.8003, -16.7691



69.1980, 9.7624, -4.5586



41.2170, 0.8790, -1.9443



52.7010, 26.7694, -46.2188



114.8400, 59.2389, -100.7147

Inverse Universe

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



73.2990, 3.3036, 13.7698



90.5110, 5.1711, 21.4769



83.8020, -9.7624, 4.5586



40.5380, 0.7208, 2.1592



39.8590, 14.3665, 58.8827



87.3650, 30.8791, 129.4759

Previews

White Background



This preview shows how the YUV color 76.2420, 6.2897, -10.7362 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 76.2420, 6.2897, -10.7362 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

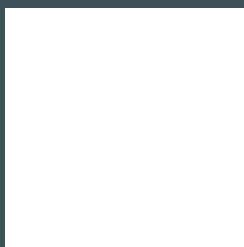
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 76.2420, 6.2897, -10.7362

Background



This preview shows how black text looks on a background with the YUV color 76.2420, 6.2897, -10.7362.



This preview shows how white text looks on a background with the YUV color 76.2420, 6.2897, -10.7362.

-10.7362.

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

76.2420, 6.2897, -10.7362

Protanopia

77.8410, 4.5154, -1.6146

Deuteranopia

78.4930, 5.6730, 0.4446



Tritanopia

76.0140, 5.4161, -10.5363

Trichromacy



Original Color

76.2420, 6.2897, -10.7362

Protanomaly

77.3460, 5.2524, -4.6884

Deuteranomaly

77.5850, 6.1206, -3.1440

Tritanomaly

76.1280, 5.8529, -10.6363

Monochromacy



Original Color

76.2420, 6.2897, -10.7362

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.9610, 2.4842, -3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.2420, 6.2897, -10.7362 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(64, 80, 89)` looks like.

```
.text, #text, p{  
    color:rgb(64, 80, 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(64, 80, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 80, 89) }
```

Border

The CSS property to change the border of an element to YUV 76.2420, 6.2897, -10.7362 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(64, 80, 89) }
```


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

```
.border{ border-color:rgb(64, 80, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 80, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 80, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 80, 89);  
box-shadow:4px 4px 4px 4px rgb(64, 80, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.2420, 6.2897, -10.7362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 80, 89) }
```

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

```
.background{ background-color: rgb(64, 80,  
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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