

Converting Colors

YUV(76.7060, -4.2921, -23.4212)

Have a look what the booklet for
YUV(76.7060, -4.2921, -23.4212)
contains.

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Color

**YUV(76.7060, -4.2921,
-23.4212)**

Conversions

Conversions Part 1

Format	Color
Hex	325C44
RGB	50, 92, 68
RGB Percent	20%, 36%, 27%
CMY	0.8039, 0.6392, 0.7333
CMYK	0.46, 0.00, 0.26, 0.64
HSL	146°, 30%, 28%
HSV	146°, 46%, 36%
XYZ	6.1859, 8.7498, 6.8317
YIQ	76.7060, -17.3280, -16.3680

Conversions

Conversions Part 2

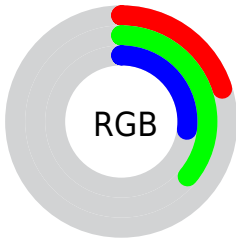
Format	Color
RYB	50, 79, 92
Decimal	3300420
CIELab	35.50, -20.85, 9.32
CIELCh	35, 22.839, 155.925
Yxy	8.7498, 0.2842, 0.4020
Android (android.graphics.Color)	4281490500 (0xFF325C44)
YUV	76.7060, -4.2921, -23.4212
Hunter-Lab	29.5800, -14.4361, 7.0126

Details

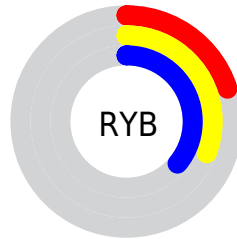
The YUV color **76.7060, -4.2921, -23.4212** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **65.2940, 4.2921, 23.4212**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.7660, -5.3076, -24.3508**, and **30.1510, -2.5394, -25.5654** is the 20% darker color. If you saturate the color by 10%, you get **73.4450, -5.1494, -28.4543**, and if you desaturate by 10%, it is **79.9670, -3.4347, -18.3881**.

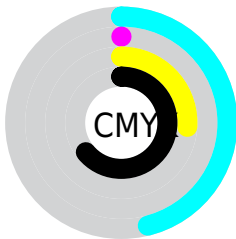
Distribution



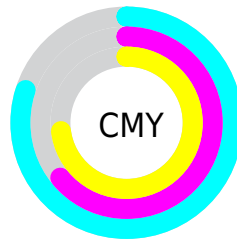
- Red (20%)
- Green (36%)
- Blue (27%)



- Red (20%)
- Yellow (31%)
- Blue (36%)



- Cyan (46%)
- Magenta (0%)
- Yellow (26%)
- Black (64%)



- Cyan (80%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.7060, -4.2921, -23.4212 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 76.7060, -4.2921, -23.4212 by changing the saturation by 10% instead.

■ 76.7060, -4.2921,
-23.4212

■ 76.7060, -4.2921,
-23.4212

255.0000, 0.0000,
0.0000

■ 52.9340, -3.4185,
-23.6211

■ 126.7660, -5.3076,
-24.3508

■ 30.1510, -2.5394,
-25.5654

■ 152.4670, -5.1602,
-24.9656

■ 15.8490, -7.8136,
-13.8996

■ 179.3530, -5.5970,
-24.8656

■ 0.0000, 0.0000,
0.0000

■ 207.5270, -6.1758,
-25.8952

■ 235.5270, -6.1758,
-25.8952

■ 248.3790, 1.7852,

-12.6104

■ 76.7060, -4.2921,
-23.4212

■ 76.7060, -4.2921,
-23.4212

■ 73.4450, -5.1494,
-28.4543

■ 79.9670, -3.4347,
-18.3881

■ 70.0700, -6.4435,
-33.3874

■ 83.3420, -2.1406,
-13.4549

■ 66.5100, -7.1534,
-39.0353

■ 86.9020, -1.4307,
-7.8071

■ 63.2490, -8.0108,
-44.0684

■ 90.1630, -0.5734,
-2.7740

■ 59.9880, -8.8681,
-49.1015

■ 93.4240, 0.2840,
2.2592

■ 58.4500, -9.5888,
-51.2606

■ 96.7990, 1.5781,
7.1923

■ 100.0600, 2.4354,
12.2254

■ 103.6200, 3.1453,
17.8733

■ 106.8810, 4.0027,
22.9064

Harmonies

Analogous

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



79.8130, -13.2188, -6.8520



76.7060, -4.2921, -23.4212



71.6850, 7.5503, -41.8197

Triad

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



76.7060, -4.2921, -23.4212



81.8250, 18.8203, -16.5095



84.4290, -10.5645, 28.5648

Complementary

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



76.7060, -4.2921, -23.4212



65.2940, 4.2921, 23.4212

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.



84.9050, -2.4182, 29.0243



76.7060, -4.2921, -23.4212



84.9910, 13.8084, 4.3929

Square

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



76.7060, -4.2921, -23.4212



74.4370, 20.4906, -38.9712



86.1410, 6.3395, 20.0473



83.3050, -15.9264, 21.6575

Rectangle

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



76.7060, -4.2921, -23.4212



67.3720, 15.5926, -54.7002



86.1410, 6.3395, 20.0473



84.4230, -8.0965, 30.3240

Sweetspot

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



76.7060, -4.2921, -23.4212



113.7770, -1.8621, -9.4514



82.1290, -15.8396, -6.2521



57.3260, -1.1467, -5.5479



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



76.7060, -4.2921, -23.4212



95.9340, -6.8695, -36.7761



79.1000, 4.8807, -25.5207



44.1630, -0.5734, -2.7740



69.9280, -11.3035, -61.3269



150.7470, -24.0323, -132.2051

Inverse Universe

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



65.2940, 4.2921, 23.4212



78.0660, 6.8695, 36.7761



62.9000, -4.8807, 25.5207



42.8370, 0.5734, 2.7740



40.0720, 11.3035, 61.3269



86.3670, 24.4691, 132.1051

Previews

White Background



This preview shows how the YUV color 76.7060, -4.2921, -23.4212 looks on a white background.

Color Contrast Check

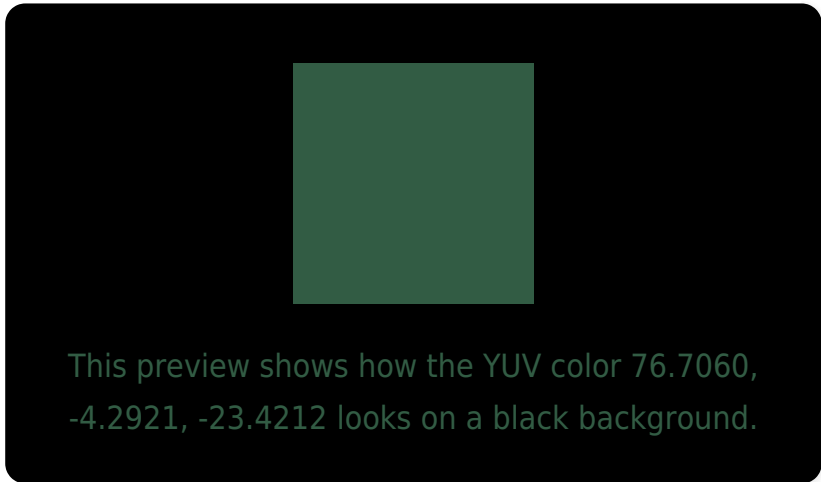
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

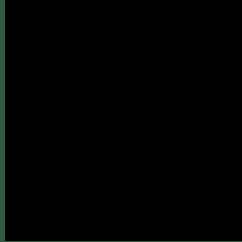
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.7060, -4.2921, -23.4212

Background



This preview shows how black text looks on a background with the YUV color 76.7060, -4.2921, -23.4212.



This preview shows how white text looks on a background with the YUV color 76.7060, -4.2921, -23.4212.

-23.4212.

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

76.7060, -4.2921, -23.4212

Protanopia

82.6280, -9.1836, 5.5882

Deuteranopia

83.7580, -6.2897, 10.7362



Tritanopia

79.6430, 8.0640, -19.8579

Trichromacy



Original Color

76.7060, -4.2921, -23.4212

Protanomaly

80.3170, -7.5513, -4.6630

Deuteranomaly

80.9090, -5.3781, -1.6742

Tritanomaly

78.1930, 3.8489, -21.2173

Monochromacy



Original Color

76.7060, -4.2921, -23.4212

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.6030, -1.2833, -8.4218

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.7060, -4.2921, -23.4212 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(50, 92, 68)` looks like.

```
.text, #text, p{  
    color:rgb(50, 92, 68)  
}
```

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(50, 92, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 92, 68) }
```

Border

The CSS property to change the border of an element to YUV 76.7060, -4.2921, -23.4212 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(50, 92, 68) }
```


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

```
.border{ border-color:rgb(50, 92, 68) }
```

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

Here you see how a box with a 4 pixel rgb(50, 92, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 92, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 92, 68);  
box-shadow:4px 4px 4px 4px rgb(50, 92, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.7060, -4.2921, -23.4212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 92, 68) }
```

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

```
.background{ background-color: rgb(50, 92,  
68) }
```

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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