

Converting Colors

YUV(76.2170, 34.4030,
-21.2383)

Have a look what the booklet for
YUV(76.2170, 34.4030, -21.2383)
contains.

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Color

**YUV(76.2170, 34.4030,
-21.2383)**

Conversions

Conversions Part 1

Format	Color
Hex	344B92
RGB	52, 75, 146
RGB Percent	20%, 29%, 57%
CMY	0.7961, 0.7059, 0.4275
CMYK	0.64, 0.49, 0.00, 0.43
HSL	225°, 47%, 39%
HSV	225°, 64%, 57%
XYZ	9.1206, 7.8375, 28.2262
YIQ	76.2170, -36.4990, 17.2050

Conversions

Conversions Part 2

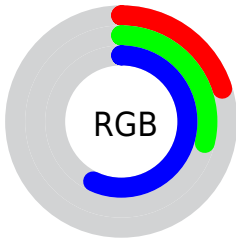
Format	Color
RYB	52, 70, 146
Decimal	3427218
CIELab	33.64, 14.93, -41.93
CIELCh	34, 44.515, 289.603
Yxy	7.8375, 0.2019, 0.1735
Android (android.graphics.Color)	4281617298 (0xFF344B92)
YUV	76.2170, 34.4030, -21.2383
Hunter-Lab	27.9956, 9.1604, -40.1815

Details

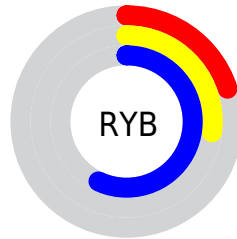
The YUV color **76.2170, 34.4030, -21.2383** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **121.7830, -34.4030, 21.2383**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.4070, 36.2813, -17.0199**, and **29.6140, 32.2353, -25.9715** is the 20% darker color. If you saturate the color by 10%, you get **65.2750, 39.7974, -24.7972**, and if you desaturate by 10%, it is **87.1590, 29.0086, -17.6794**.

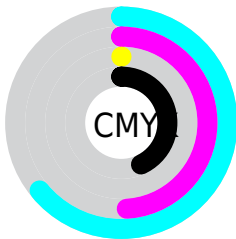
Distribution



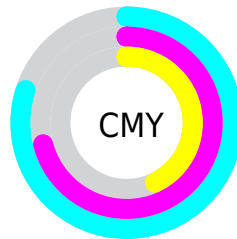
- Red (20%)
- Green (29%)
- Blue (57%)



- Red (20%)
- Yellow (27%)
- Blue (57%)



- Cyan (64%)
- Magenta (49%)
- Yellow (0%)
- Black (43%)



- Cyan (80%)
- Magenta (71%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.2170, 34.4030, -21.2383 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 76.2170, 34.4030, -21.2383 by changing the saturation by 10% instead.

■ 76.2170, 34.4030,
-21.2383

■ 76.2170, 34.4030,
-21.2383

■ 255.0000, 0.0000,
0.0000

■ 49.8740, 34.5721,
-28.8305

■ 127.4070, 36.2813,
-17.0199

■ 29.6140, 32.2353,
-25.9715

■ 154.2330, 36.8601,
-15.9903

■ 13.3770, 28.4081,
-11.7316

■ 181.1190, 36.4233,
-15.8904

■ 7.7060, 19.3719,
-6.7582

■ 205.6390, 24.3350,
-11.9614

■ 3.5510, 11.0674,
-3.1142

■ 230.7460, 11.9572,
-8.5472

■ 0.0000, 0.0000,
0.0000

■ 253.5050, 0.7370,

-3.0739

■ 76.2170, 34.4030,
-21.2383

■ 76.2170, 34.4030,
-21.2383

■ 65.2750, 39.7974,
-24.7972

■ 87.1590, 29.0086,
-17.6794

■ 54.6320, 45.0444,
-27.7413

■ 97.8020, 23.7616,
-14.7354

■ 43.6900, 50.4388,
-31.3001

■ 108.7440, 18.3672,
-11.1765

■ 37.7760, 53.3544,
-33.1296

■ 119.3870, 13.1202,
-8.2324

■ 130.3290, 7.7258,
-4.6735

■ 141.2710, 2.3314,
-1.1147

■ 151.9140, -2.9156,
1.8294

■ 162.8560, -8.3100,
5.3883

■ 173.4990,
-13.5570, 8.3324

Harmonies

Analogous

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



68.0550, 39.9059, -59.6842



76.2170, 34.4030, -21.2383



81.4740, 21.4583, 24.1403

Triad

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



76.2170, 34.4030, -21.2383



75.7660, -25.0276, 47.5632



63.1750, 0.8997, -55.4045

Complementary

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



76.2170, 34.4030, -21.2383



121.7830, -34.4030, 21.2383

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.



64.9100, -17.2106, -33.2471



76.2170, 34.4030, -21.2383



74.5450, -36.7507, 27.5860

Square

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



76.2170, 34.4030, -21.2383



74.8980, -8.3307, 58.8485



71.4340, -35.2170, 2.2504



67.3930, 17.0613, -59.1037

Rectangle

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



76.2170, 34.4030, -21.2383



78.6030, 12.5207, 44.1982



71.4340, -35.2170, 2.2504



61.2200, -4.0525, -53.6899

Sweetspot

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



76.2170, 34.4030, -21.2383



162.3870, 13.1202, -8.2324



115.1580, 3.3731, -55.3896



78.3290, 7.7258, -4.6735



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



76.2170, 34.4030, -21.2383



80.7760, 53.3544, -33.1296



69.5930, 37.6687, 4.7419



68.3850, 2.7682, -1.2146



35.6900, 50.4388, -31.3001



2.3140, 3.7892, -2.0294

Inverse Universe

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



82.7280, -3.8099, 55.4895



90.7580, -5.7967, 86.1582



128.1080, -37.5212, -5.3567



69.2070, -0.5951, 4.2035



45.1380, -5.4910, 81.4400



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 76.2170, 34.4030, -21.2383 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 76.2170, 34.4030, -21.2383 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 76.2170, 34.4030, -21.2383

Background



This preview shows how black text looks on a background with the YUV color 76.2170, 34.4030, -21.2383.



This preview shows how white text looks on a background with the YUV color 76.2170, 34.4030,

-21.2383.

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

76.2170, 34.4030, -21.2383

Protanopia

74.3300, 36.3193, -29.2304

Deuteranopia

63.1480, 38.8740, -55.3808



Tritanopia

67.7650, 12.9339, -41.8899

Trichromacy



Original Color

76.2170, 34.4030, -21.2383

Protanomaly

74.8250, 35.5823, -26.1565

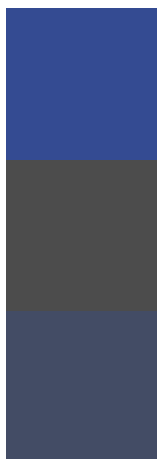
Deuteranomaly

67.7690, 37.0889, -42.7704

Tritanomaly

71.1710, 20.6217, -34.3530

Monochromacy



Original Color

76.2170, 34.4030, -21.2383

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.1590, 12.2466, -8.0324

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.2170, 34.4030, -21.2383 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(52, 75, 146)` looks like.

```
.text, #text, p{  
    color:rgb(52, 75, 146)  
}
```

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(52, 75, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 75, 146) }
```

Border

The CSS property to change the border of an element to YUV 76.2170, 34.4030, -21.2383 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(52, 75, 146) }
```


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

```
.border{ border-color:rgb(52, 75, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 75, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 75, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 75, 146);  
box-shadow:4px 4px 4px 4px rgb(52, 75,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 76.2170, 34.4030, -21.2383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 75, 146) }
```

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

```
.background{ background-color: rgb(52, 75,  
146) }
```

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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