

Converting Colors

YUV(77.2380, 52.6337,
-35.2887)

Have a look what the booklet for
YUV(77.2380, 52.6337, -35.2887)
contains.

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Color

**YUV(77.2380, 52.6337,
-35.2887)**

Conversions

Conversions Part 1

Format	Color
Hex	254DB8
RGB	37, 77, 184
RGB Percent	15%, 30%, 72%
CMY	0.8549, 0.6980, 0.2784
CMYK	0.80, 0.58, 0.00, 0.28
HSL	224°, 67%, 43%
HSV	224°, 80%, 72%
XYZ	12.0686, 9.1618, 46.4797
YIQ	77.2380, -58.1870, 24.7970

Conversions

Conversions Part 2

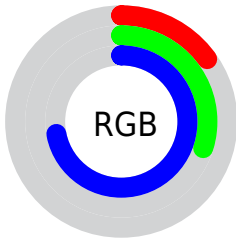
Format	Color
R_{YB}	37, 68, 184
Decimal	2444728
CIE Lab	36.29, 25.90, -60.43
CIE LCh	36, 65.747, 293.204
Yxy	9.1618, 0.1782, 0.1353
Android (android.graphics.Color)	4280634808 (0xFF254DB8)
YUV	77.2380, 52.6337, -35.2887
Hunter-Lab	30.2684, 18.2015, -69.8570

Details

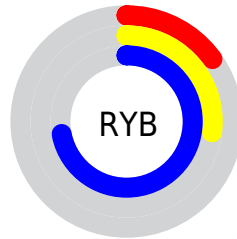
The YUV color **77.2380, 52.6337, -35.2887** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **143.7620, -52.6337, 35.2887**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.5430, 53.4693, -23.2782**, and **34.7780, 46.9444, -30.5003** is the 20% darker color. If you saturate the color by 10%, you get **64.2250, 59.0491, -39.6623**, and if you desaturate by 10%, it is **90.2510, 46.2183, -30.9151**.

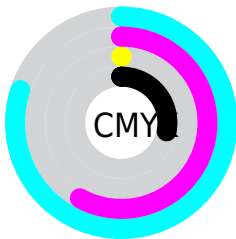
Distribution



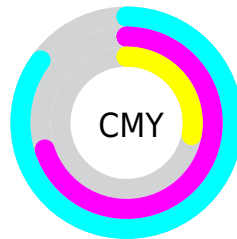
- Red (15%)
- Green (30%)
- Blue (72%)



- Red (15%)
- Yellow (27%)
- Blue (72%)



- Cyan (80%)
- Magenta (58%)
- Yellow (0%)
- Black (28%)



- Cyan (85%)
- Magenta (70%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.2380, 52.6337, -35.2887 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 77.2380, 52.6337, -35.2887 by changing the saturation by 10% instead.

■ 77.2380, 52.6337,
-35.2887

■ 77.2380, 52.6337,
-35.2887

■ 255.0000, 0.0000,
0.0000

■ 50.1830, 52.6608,
-44.0105

■ 132.5430, 53.4693,
-23.2782

■ 34.7780, 46.9444,
-30.5003

■ 158.3710, 47.6381,
-19.6194

■ 21.2480, 40.7967,
-18.6345

■ 183.1900, 35.4023,
-15.0756

■ 10.1800, 33.9283,
-8.9279

■ 208.0090, 23.1666,
-10.5319

■ 9.2050, 22.5769,
-8.0728

■ 233.4150, 10.6414,
-6.5030

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 77.2380, 52.6337,
-35.2887

■ 77.2380, 52.6337,
-35.2887

■ 64.2250, 59.0491,
-39.6623

■ 90.2510, 46.2183,
-30.9151

■ 50.3260, 65.9013,
-44.1359

■ 104.1500, 39.3661,
-26.4415

■ 117.1630, 32.9506,
-22.0680

■ 131.0620, 26.0984,
-17.5944

■ 144.0750, 19.6830,
-13.2208

■ 157.0880, 13.2676,
-8.8472

■ 170.9870, 6.4154,
-4.3736

■ 184.0000, 0.0000,
0.0000

■ 197.8990, -6.8522,
4.4736

Harmonies

Analogous

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



78.2400, 56.0837, -68.6165



77.2380, 52.6337, -35.2887



83.8800, 32.5972, 44.8322

Triad

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



77.2380, 52.6337, -35.2887



76.5590, -37.7436, 66.1618



70.3160, 0.3372, -61.6671

Complementary

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



77.2380, 52.6337, -35.2887



143.7620, -52.6337, 35.2887

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.



61.3730, -26.3129, -53.8241



77.2380, 52.6337, -35.2887



80.7580, -39.8137, 30.0302

Square

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



77.2380, 52.6337, -35.2887



59.5470, -5.6927, 99.4983



75.4990, -37.2210, -8.3306



77.1730, 24.0717, -67.6807

Rectangle

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



77.2380, 52.6337, -35.2887



66.4720, 24.9103, 83.7781



75.4990, -37.2210, -8.3306



67.6770, -7.2358, -59.3527

Sweetspot

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



77.2380, 52.6337, -35.2887



198.0040, 20.7040, -14.0355



135.2590, 3.3233, -86.1731



94.8600, 12.3940, -8.6472



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



77.2380, 52.6337, -35.2887



72.6140, 82.5213, -54.9125



63.3260, 59.4923, 4.9761



85.2000, 3.3524, -1.9294



42.4380, 55.9861, -37.2181



7.8880, 9.9152, -6.9178

Inverse Universe

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



85.5130, -4.1969, 86.3731



85.8380, -6.8221, 135.2001



157.6740, -59.4923, -4.9761



85.9190, -0.4531, 5.3330



51.4320, -4.6500, 91.7061



9.2840, -0.6330, 16.4139

Previews

White Background



This preview shows how the YUV color 77.2380, 52.6337, -35.2887 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 77.2380, 52.6337, -35.2887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

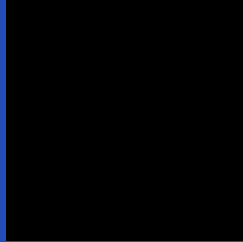
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.2380, 52.6337, -35.2887

Background



This preview shows how black text looks on a background with the YUV color 77.2380, 52.6337, -35.2887.



This preview shows how white text looks on a background with the YUV color 77.2380, 52.6337, -35.2887.

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

77.2380, 52.6337, -35.2887

Protanopia

67.9700, 52.2728, -59.6097

Deuteranopia

68.0550, 39.9059, -59.6842



Tritanopia

66.6920, 16.9138, -58.4889

Trichromacy



Original Color

77.2380, 52.6337, -35.2887

Protanomaly

71.1390, 52.6825, -50.9879

Deuteranomaly

71.0760, 44.8255, -50.9327

Tritanomaly

70.4770, 29.8378, -50.4073

Monochromacy



Original Color

77.2380, 52.6337, -35.2887

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9610, 19.2462, -13.1208

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.2380, 52.6337, -35.2887 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(37, 77, 184)` looks like.

```
.text, #text, p{  
    color:rgb(37, 77, 184)  
}
```

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(37, 77, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 77, 184) }
```

Border

The CSS property to change the border of an element to YUV 77.2380, 52.6337, -35.2887 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(37, 77, 184) }
```


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

```
.border{ border-color:rgb(37, 77, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 77, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 77, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 77, 184);  
box-shadow:4px 4px 4px 4px rgb(37, 77,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 77.2380, 52.6337, -35.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 77, 184) }
```

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

```
.background{ background-color: rgb(37, 77,  
184) }
```

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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