

Converting Colors

YUV(77.7540, 33.1523,
-40.1263)

Have a look what the booklet for
YUV(77.7540, 33.1523, -40.1263)
contains.

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Color

**YUV(77.7540, 33.1523,
-40.1263)**

Conversions

Conversions Part 1

Format	Color
Hex	205891
RGB	32, 88, 145
RGB Percent	13%, 35%, 57%
CMY	0.8745, 0.6549, 0.4314
CMYK	0.78, 0.39, 0.00, 0.43
HSL	210°, 64%, 35%
HSV	210°, 78%, 57%
XYZ	9.1962, 9.3309, 28.1044
YIQ	77.7540, -51.6730, 5.8550

Conversions

Conversions Part 2

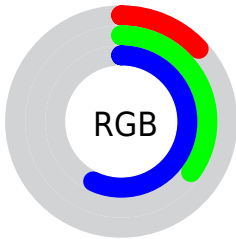
Format	Color
R_{YB}	32, 69, 145
Decimal	2119825
CIE Lab	36.61, 2.76, -36.63
CIE LCh	37, 36.731, 274.306
Yxy	9.3309, 0.1972, 0.2001
Android (android.graphics.Color)	4280309905 (0xFF205891)
YUV	77.7540, 33.1523, -40.1263
Hunter-Lab	30.5465, 0.2824, -33.1675

Details

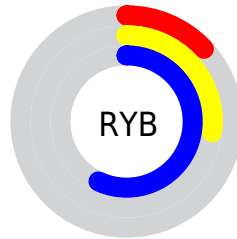
The YUV color **77.7540, 33.1523, -40.1263** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **99.2460, -33.1523, 40.1263**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.2110, 33.4200, -32.6340**, and **35.9570, 28.6152, -31.5343** is the 20% darker color. If you saturate the color by 10%, you get **69.4590, 37.2417, -45.1295**, and if you desaturate by 10%, it is **86.3480, 28.9154, -34.5082**.

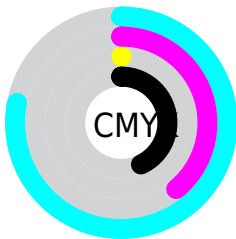
Distribution



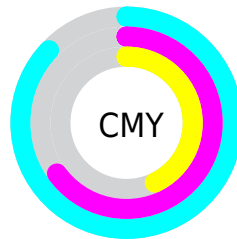
- Red (13%)
- Green (35%)
- Blue (57%)



- Red (13%)
- Yellow (27%)
- Blue (57%)



- Cyan (78%)
- Magenta (39%)
- Yellow (0%)
- Black (43%)



- Cyan (87%)
- Magenta (65%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.7540, 33.1523, -40.1263 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 77.7540, 33.1523, -40.1263 by changing the saturation by 10% instead.

■ 77.7540, 33.1523,
-40.1263

■ 77.7540, 33.1523,
-40.1263

■ 255.0000, 0.0000,
0.0000

■ 51.7210, 33.1685,
-45.3593

■ 131.2110, 33.4200,
-32.6340

■ 35.9570, 28.6152,
-31.5343

■ 158.6240, 33.7094,
-32.1192

■ 21.4810, 23.9199,
-18.8388

■ 186.0370, 33.9988,
-31.6044

■ 7.7060, 19.3719,
-6.7582

■ 210.2580, 22.0578,
-28.2903

■ 3.4370, 10.6306,
-3.0142

■ 235.9520, 9.3907,
-25.3909

■ 0.0000, 0.0000,
0.0000

■ 249.6180, 2.6533,

-11.0660

■ 77.7540, 33.1523,
-40.1263

■ 77.7540, 33.1523,
-40.1263

■ 69.4590, 37.2417,
-45.1295

■ 86.3480, 28.9154,
-34.5082

■ 60.2780, 41.7679,
-50.2328

■ 95.2300, 24.5366,
-30.0197

■ 58.7940, 42.4996,
-51.5623

■ 103.8240, 20.2998,
-24.4016

■ 112.1190, 16.2103,
-19.3984

■ 121.3000, 11.6841,
-14.2951

■ 129.5950, 7.5947,
-9.2918

■ 137.8900, 3.5052,
-4.2885

■ 147.0710, -1.0210,
0.8147

■ 155.6650, -5.2578,
6.4328

Harmonies

Analogous

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



72.1980, 32.9334, -63.3176



77.7540, 33.1523, -40.1263



88.3960, 22.9758, 4.0377

Triad

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



77.7540, 33.1523, -40.1263



84.9860, -15.2761, 46.4933



70.8190, -5.8268, -44.5683

Complementary

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



77.7540, 33.1523, -40.1263



99.2460, -33.1523, 40.1263

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.



79.3860, -22.3753, -9.9855



77.7540, 33.1523, -40.1263



84.1510, -25.7104, 33.1936

Square

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



77.7540, 33.1523, -40.1263



85.9550, -1.4568, 47.3975



82.4060, -29.2872, 13.6759



69.5470, 10.0833, -60.9927

Rectangle

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



77.7540, 33.1523, -40.1263



88.6930, 15.9274, 24.8252



82.4060, -29.2872, 13.6759



74.8980, -12.2747, -29.7285

Sweetspot

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



77.7540, 33.1523, -40.1263



162.9300, 12.8525, -15.7246



104.8290, -7.8037, -63.8710



78.5950, 7.5947, -9.2918



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.



77.7540, 33.1523, -40.1263



82.9480, 52.2836, -63.0984



44.8820, 49.3582, -11.2975



67.1460, 1.9000, -2.7590



54.7190, 39.5785, -47.9886



3.2600, 2.3368, -2.8590

Inverse Universe

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



72.1710, 7.8037, 63.8710



74.2540, 12.1998, 100.6322



132.1180, -49.3582, 11.2975



66.5490, 0.7153, 3.9035



48.0030, 9.3655, 76.2964



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 77.7540, 33.1523, -40.1263 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 77.7540, 33.1523, -40.1263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

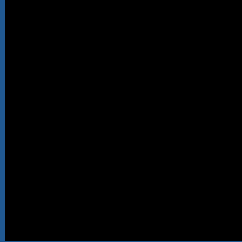
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.7540, 33.1523, -40.1263

Background



This preview shows how black text looks on a background with the YUV color 77.7540, 33.1523, -40.1263.



This preview shows how white text looks on a background with the YUV color 77.7540, 33.1523, -40.1263.

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

77.7540, 33.1523, -40.1263

Protanopia

84.2190, 27.9930, -18.6091

Deuteranopia

80.4560, 31.8202, -32.8489



Tritanopia

67.5070, 17.4980, -59.2036

Trichromacy



Original Color

77.7540, 33.1523, -40.1263

Protanomaly

81.6310, 29.7619, -25.9864

Deuteranomaly

79.2600, 32.4098, -35.3080

Tritanomaly

71.0440, 23.1493, -51.7816

Monochromacy



Original Color

77.7540, 33.1523, -40.1263

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.0010, 11.8315, -14.9099

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.7540, 33.1523, -40.1263 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(32, 88, 145)` looks like.

```
.text, #text, p{  
    color:rgb(32, 88, 145)  
}
```

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(32, 88, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 88, 145) }
```

Border

The CSS property to change the border of an element to YUV 77.7540, 33.1523, -40.1263 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(32, 88, 145) }
```


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

```
.border{ border-color:rgb(32, 88, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 88, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 88, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 88, 145);  
box-shadow:4px 4px 4px 4px rgb(32, 88,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 77.7540, 33.1523, -40.1263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 88, 145) }
```

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

```
.background{ background-color: rgb(32, 88,  
145) }
```

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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