

Converting Colors

YUV(78.5270, 54.4632,
-15.3712)

Have a look what the booklet for
YUV(78.5270, 54.4632, -15.3712)
contains.

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Color

**YUV(78.5270, 54.4632,
-15.3712)**

Conversions

Conversions Part 1

Format	Color
Hex	3D42BD
RGB	61, 66, 189
RGB Percent	24%, 26%, 74%
CMY	0.7608, 0.7412, 0.2588
CMYK	0.68, 0.65, 0.00, 0.26
HSL	238°, 51%, 49%
HSV	238°, 68%, 74%
XYZ	13.0580, 8.5627, 49.1086
YIQ	78.5270, -42.4630, 37.1930

Conversions

Conversions Part 2

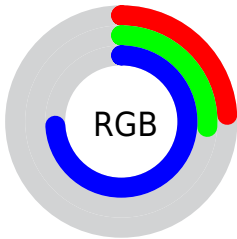
Format	Color
R _Y B	61, 66, 189
Decimal	4014781
CIE Lab	35.13, 37.62, -65.23
CIE LCh	35, 75.296, 299.973
Yxy	8.5627, 0.1846, 0.1211
Android (android.graphics.Color)	4282204861 (0xFF3D42BD)
YUV	78.5270, 54.4632, -15.3712
Hunter-Lab	29.2620, 28.4460, -79.0194

Details

The YUV color **78.5270, 54.4632, -15.3712** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **171.4730, -54.4632, 15.3712**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.0380, 56.1833, -7.0493**, and **28.7770, 51.8749, -25.2374** is the 20% darker color. If you saturate the color by 10%, you get **62.2800, 62.4730, -17.7856**, and if you desaturate by 10%, it is **94.7740, 46.4534, -12.9568**.

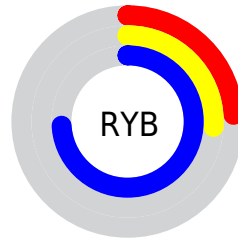
Distribution



Red (24%)

Green (26%)

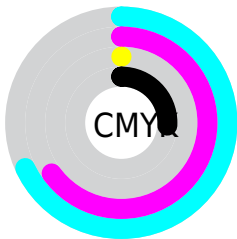
Blue (74%)



Red (24%)

Yellow (26%)

Blue (74%)

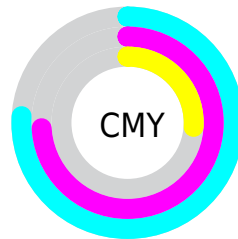


Cyan (68%)

Magenta (65%)

Yellow (0%)

Black (26%)



Cyan (76%)

Magenta (74%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.5270, 54.4632, -15.3712 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 78.5270, 54.4632, -15.3712 by changing the saturation by 10% instead.

■ 78.5270, 54.4632,
-15.3712

■ 78.5270, 54.4632,
-15.3712

■ 255.0000, 0.0000,
0.0000

■ 48.6670, 55.3802,
-29.5260

■ 132.0380, 56.1833,
-7.0493

■ 28.7770, 51.8749,
-25.2374

■ 156.9970, 48.3155,
-3.5054

■ 14.0730, 46.3060,
-12.3420

■ 181.8160, 36.0797,
1.0384

■ 9.4620, 36.2542,
-8.2982

■ 206.6350, 23.8439,
5.5821

■ 10.2480, 24.0347,
-8.9875

■ 232.0410, 11.3188,
9.6110

■ 5.2780, 15.1459,
-4.6288

■ 252.0650, 1.4470,

■ 1.3680, 5.2416,

2.5740

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 78.5270, 54.4632,
-15.3712

■ 78.5270, 54.4632,
-15.3712

■ 62.2800, 62.4730,
-17.7856

■ 94.7740, 46.4534,
-12.9568

■ 46.0330, 70.4827,
-20.1999

■ 111.0210, 38.4436,
-10.5424

■ 29.7860, 78.4925,
-22.6143

■ 127.2680, 30.4339,
-8.1280

■ 25.6550, 80.5291,
-22.4994

■ 144.1020, 22.1347,
-6.2285

■ 160.3490, 14.1249,
-3.8141

■ 176.2970, 6.2626,
-2.0145

■ 192.5440, -1.7472,
0.3999

■ 208.7910, -9.7570,
2.8143

■ 225.0380,
-17.7667, 5.2287

Harmonies

Analogous

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



77.4880, 63.3564, -67.9570



78.5270, 54.4632, -15.3712



61.8530, 40.4985, 77.3049

Triad

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



78.5270, 54.4632, -15.3712



74.4770, -36.7172, 63.6027



70.8690, 4.9946, -62.1521

Complementary

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



78.5270, 54.4632, -15.3712



171.4730, -54.4632, 15.3712

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.



60.9000, -25.5867, -53.4093



78.5270, 54.4632, -15.3712



78.0450, -38.4762, 21.0085

Square

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



78.5270, 54.4632, -15.3712



55.7020, -14.1501, 105.5013



66.8280, -32.9462, -26.1592



78.4100, 31.3499, -68.7656

Rectangle

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



78.5270, 54.4632, -15.3712



64.4090, 20.5044, 96.9883



66.8280, -32.9462, -26.1592



68.4750, -4.1782, -60.0526

Sweetspot

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



78.5270, 54.4632, -15.3712



202.7600, 20.8243, -5.9285



150.0440, 16.2473, -78.0916



96.8930, 12.3778, -3.4142



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



78.5270, 54.4632, -15.3712



73.6810, 84.4603, -23.3992



92.9340, 47.3605, 22.8599



86.0260, 3.9312, -0.8998



21.5340, 67.2777, -18.8853



4.1210, 13.2513, -3.6141

Inverse Universe

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



99.8420, -16.6841, 78.1916



107.0000, -26.1290, 121.0260



157.0660, -47.3605, -22.8599



87.6910, -1.3267, 5.5330



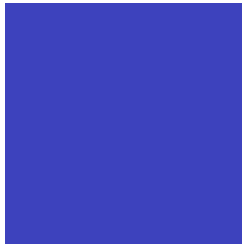
47.9260, -20.6695, 96.5349



9.3830, -4.1328, 18.9581

Previews

White Background



This preview shows how the YUV color 78.5270, 54.4632, -15.3712 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 78.5270, 54.4632, -15.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

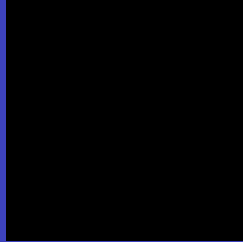
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.5270, 54.4632, -15.3712

Background



This preview shows how black text looks on a background with the YUV color 78.5270, 54.4632, -15.3712.



This preview shows how white text looks on a background with the YUV color 78.5270, 54.4632, -15.3712.

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

78.5270, 54.4632, -15.3712

Protanopia

65.5250, 50.5202, -57.4654

Deuteranopia

66.3110, 38.3007, -58.1547



Tritanopia

64.5890, 16.4716, -56.6446

Trichromacy



Original Color

78.5270, 54.4632, -15.3712

Protanomaly

70.0800, 52.2186, -42.1662

Deuteranomaly

70.6040, 44.0722, -42.6257

Tritanomaly

69.6460, 30.2475, -41.7855

Monochromacy



Original Color

78.5270, 54.4632, -15.3712

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.5320, 19.9507, -5.7286

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.5270, 54.4632, -15.3712 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(61, 66, 189)` looks like.

```
.text, #text, p{  
    color:rgb(61, 66, 189)  
}
```

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(61, 66, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 66, 189) }
```

Border

The CSS property to change the border of an element to YUV 78.5270, 54.4632, -15.3712 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(61, 66, 189) }
```


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

```
.border{ border-color:rgb(61, 66, 189) }
```

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

Here you see how a box with a 4 pixel rgb(61, 66, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 66, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 66, 189);  
box-shadow:4px 4px 4px 4px rgb(61, 66,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 78.5270, 54.4632, -15.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 66, 189) }
```

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

```
.background{ background-color: rgb(61, 66,  
189) }
```

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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