

Converting Colors

YUV(83.2720, 34.3759,
-12.5165)

Have a look what the booklet for
YUV(83.2720, 34.3759, -12.5165)
contains.

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Color

**YUV(83.2720, 34.3759,
-12.5165)**

Conversions

Conversions Part 1

Format	Color
Hex	454D99
RGB	69, 77, 153
RGB Percent	27%, 30%, 60%
CMY	0.7294, 0.6980, 0.4000
CMYK	0.55, 0.50, 0.00, 0.40
HSL	234°, 38%, 44%
HSV	234°, 55%, 60%
XYZ	10.8579, 8.8729, 31.2774
YIQ	83.2720, -29.1640, 21.9400

Conversions

Conversions Part 2

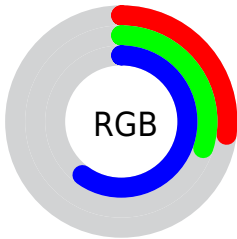
Format	Color
R_{YB}	69, 76, 153
Decimal	4541849
CIE _{Lab}	35.74, 19.60, -42.76
CIE _{LCh}	36, 47.037, 294.624
Yxy	8.8729, 0.2129, 0.1740
Android (android.graphics.Color)	4282731929 (0xFF454D99)
YUV	83.2720, 34.3759, -12.5165
Hunter-Lab	29.7874, 12.9377, -41.4046

Details

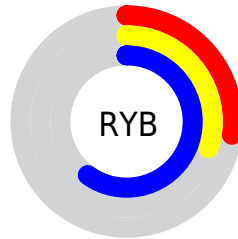
The YUV color **83.2720, 34.3759, -12.5165** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **138.7280, -34.3759, 12.5165**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.4510, 36.2597, -10.0425**, and **30.8850, 34.5667, -27.0861** is the 20% darker color. If you saturate the color by 10%, you get **70.5690, 40.6385, -14.5310**, and if you desaturate by 10%, it is **95.9750, 28.1133, -10.5021**.

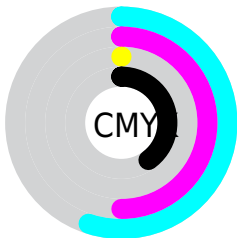
Distribution



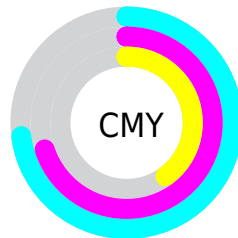
- Red (27%)
- Green (30%)
- Blue (60%)



- Red (27%)
- Yellow (30%)
- Blue (60%)



- Cyan (55%)
- Magenta (50%)
- Yellow (0%)
- Black (40%)



- Cyan (73%)
- Magenta (70%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.2720, 34.3759, -12.5165 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 83.2720, 34.3759, -12.5165 by changing the saturation by 10% instead.

■ 83.2720, 34.3759,
-12.5165

■ 83.2720, 34.3759,
-12.5165

■ 255.0000, 0.0000,
0.0000

■ 58.1360, 33.9500,
-15.9053

■ 134.4510, 36.2597,
-10.0425

■ 30.8850, 34.5667,
-27.0861

■ 161.2770, 36.8384,
-9.0129

■ 16.4090, 29.8714,
-14.3907

■ 187.0770, 33.4860,
-7.0835

■ 8.3900, 21.9927,
-7.3580

■ 212.1840, 21.1083,
-3.6694

■ 4.7080, 12.9620,
-4.1289

■ 237.2910, 8.7305,
-0.2552

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,

0.0000

■ 83.2720, 34.3759,
-12.5165

■ 83.2720, 34.3759,
-12.5165

■ 70.5690, 40.6385,
-14.5310

■ 95.9750, 28.1133,
-10.5021

■ 57.5670, 47.0485,
-17.1603

■ 108.9770, 21.7033,
-7.8728

■ 44.8640, 53.3110,
-19.1747

■ 121.6800, 15.4408,
-5.8584

■ 32.7480, 59.2842,
-21.7040

■ 133.7960, 9.4676,
-3.3291

■ 26.2470, 62.4892,
-23.0186

■ 146.7980, 3.0576,
-0.6998

■ 159.5010, -3.2050,
1.3146

■ 172.2040, -9.4676,
3.3291

■ 184.9070,
-15.7302, 5.3436

■ 197.9090,
-22.1401, 7.9728

Harmonies

Analogous

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



71.5430, 43.1163, -62.7432



83.2720, 34.3759, -12.5165



86.0020, 20.7050, 32.4472

Triad

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



83.2720, 34.3759, -12.5165



80.3270, -29.2482, 47.9482



67.9510, 3.9682, -59.5930

Complementary

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



83.2720, 34.3759, -12.5165



138.7280, -34.3759, 12.5165

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.



64.4350, -13.5255, -48.6165



83.2720, 34.3759, -12.5165



78.9530, -38.9238, 24.5972

Square

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



83.2720, 34.3759, -12.5165



79.2960, -11.9779, 62.0074



74.9450, -36.9479, -2.5828



72.2830, 20.5665, -63.3922

Rectangle

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



83.2720, 34.3759, -12.5165



82.6040, 11.0412, 52.0903



74.9450, -36.9479, -2.5828



65.8820, -1.4208, -57.7785

Sweetspot

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



83.2720, 34.3759, -12.5165



172.4090, 13.1094, -4.7437



126.9720, 8.8878, -50.8414



83.6390, 7.5730, -2.3144



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



83.2720, 34.3759, -12.5165



89.9780, 53.7478, -19.2747



88.7420, 31.6792, 12.5043



70.4990, 3.2050, -1.3146



23.5910, 57.3896, -20.6893



2.0690, 5.3890, -1.8145

Inverse Universe

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



95.0280, -8.8878, 50.8414



108.5370, -14.0687, 79.3361



133.2580, -31.6792, -12.5043



71.5060, -0.7425, 4.8182



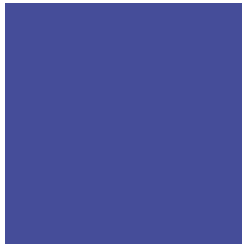
43.3420, -14.9586, 84.7691



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 83.2720, 34.3759, -12.5165 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 83.2720, 34.3759, -12.5165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

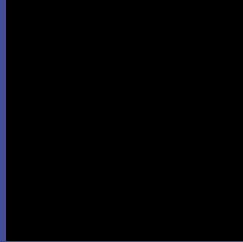
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.2720, 34.3759, -12.5165

Background



This preview shows how black text looks on a background with the YUV color 83.2720, 34.3759, -12.5165.



This preview shows how white text looks on a background with the YUV color 83.2720, 34.3759,

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

83.2720, 34.3759, -12.5165

Protanopia

78.4160, 39.2349, -31.0598

Deuteranopia

70.6970, 39.5894, -51.4773



Tritanopia

78.6530, 9.5381, -26.0057

Trichromacy



Original Color

83.2720, 34.3759, -12.5165

Protanomaly

80.2920, 37.3240, -24.8121

Deuteranomaly

75.3290, 37.7988, -37.1225

Tritanomaly

80.0910, 18.6891, -21.1278

Monochromacy



Original Color

83.2720, 34.3759, -12.5165

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1810, 12.2358, -4.5437

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.2720, 34.3759, -12.5165 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(69, 77, 153)` looks like.

```
.text, #text, p{  
    color:rgb(69, 77, 153)  
}
```

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(69, 77, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 77, 153) }
```

Border

The CSS property to change the border of an element to YUV 83.2720, 34.3759, -12.5165 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(69, 77, 153) }
```


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

```
.border{ border-color:rgb(69, 77, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 77, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 77, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 77, 153);  
box-shadow:4px 4px 4px 4px rgb(69, 77,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 83.2720, 34.3759, -12.5165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 77, 153) }
```

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

```
.background{ background-color: rgb(69, 77,  
153) }
```

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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