

Converting Colors

YUV(83.2960, 41.2661,
-29.2006)

Have a look what the booklet for
YUV(83.2960, 41.2661, -29.2006)
contains.

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Color

**YUV(83.2960, 41.2661,
-29.2006)**

Conversions

Conversions Part 1

Format	Color
Hex	3254A7
RGB	50, 84, 167
RGB Percent	20%, 33%, 65%
CMY	0.8039, 0.6706, 0.3451
CMYK	0.70, 0.50, 0.00, 0.35
HSL	223°, 54%, 43%
HSV	223°, 70%, 65%
XYZ	11.4608, 9.8088, 37.8485
YIQ	83.2960, -46.9070, 18.6050

Conversions

Conversions Part 2

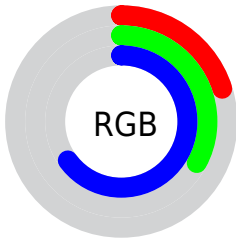
Format	Color
RYB	50, 76, 167
Decimal	3298471
CIELab	37.50, 16.43, -48.39
CIElCh	37, 51.100, 288.752
Yxy	9.8088, 0.1939, 0.1659
Android (android.graphics.Color)	4281488551 (0xFF3254A7)
YUV	83.2960, 41.2661, -29.2006
Hunter-Lab	31.3190, 10.5115, -49.7277

Details

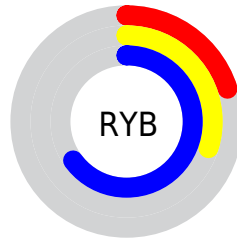
The YUV color **83.2960, 41.2661, -29.2006** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **133.7040, -41.2661, 29.2006**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.3830, 42.7022, -23.1379**, and **36.4760, 38.2193, -31.9895** is the 20% darker color. If you saturate the color by 10%, you get **71.1690, 47.2447, -33.4742**, and if you desaturate by 10%, it is **95.4230, 35.2875, -24.9270**.

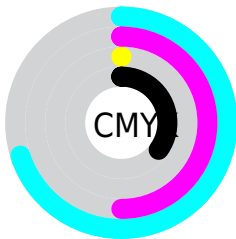
Distribution



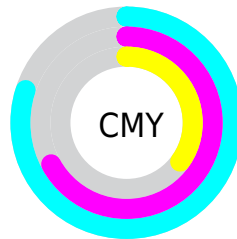
- Red (20%)
- Green (33%)
- Blue (65%)



- Red (20%)
- Yellow (30%)
- Blue (65%)



- Cyan (70%)
- Magenta (50%)
- Yellow (0%)
- Black (35%)



- Cyan (80%)
- Magenta (67%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.2960, 41.2661, -29.2006 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 83.2960, 41.2661, -29.2006 by changing the saturation by 10% instead.

■ 83.2960, 41.2661,
-29.2006

■ 83.2960, 41.2661,
-29.2006

■ 255.0000, 0.0000,
0.0000

■ 52.0660, 43.3515,
-44.7849

■ 136.3830, 42.7022,
-23.1379

■ 36.4760, 38.2193,
-31.9895

■ 163.6220, 43.5704,
-21.5935

■ 22.4730, 32.7978,
-19.7088

■ 188.1850, 32.9398,
-18.5792

■ 8.5840, 27.8131,
-7.5282

■ 213.2920, 20.5620,
-15.1651

■ 6.5490, 17.4773,
-5.7435

■ 238.6980, 8.0369,
-11.1361

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,

0.0000

■ 83.2960, 41.2661,
-29.2006

■ 83.2960, 41.2661,
-29.2006

■ 71.1690, 47.2447,
-33.4742

■ 95.4230, 35.2875,
-24.9270

■ 59.3410, 53.0759,
-37.1331

■ 107.2510, 29.4563,
-21.2681

■ 47.8010, 58.7651,
-41.9215

■ 119.3780, 23.4776,
-16.9945

■ 130.9180, 17.7884,
-12.2061

■ 142.7460, 11.9572,
-8.5472

■ 154.8730, 5.9786,
-4.2736

■ 167.0000, 0.0000,
0.0000

■ 179.1270, -5.9786,
4.2736

■ 190.9550,
-11.8098, 7.9325

Harmonies

Analogous

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



76.9060, 45.8953, -67.4466



83.2960, 41.2661, -29.2006



90.3480, 25.9574, 27.7588

Triad

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



83.2960, 41.2661, -29.2006



83.3110, -28.2543, 55.8553



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.



83.2960, 41.2661, -29.2006



133.7040, -41.2661, 29.2006

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.



70.8400, -21.1201, -39.3247



83.2960, 41.2661, -29.2006



83.4270, -41.1295, 32.0745

Square

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



83.2960, 41.2661, -29.2006



81.8500, -8.8001, 69.4145



79.9950, -39.4375, 2.6354



75.8050, 18.8301, -66.4810

Rectangle

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



83.2960, 41.2661, -29.2006



87.1570, 15.6986, 51.6053



79.9950, -39.4375, 2.6354



68.0190, -5.9254, -59.6527

Sweetspot

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



83.2960, 41.2661, -29.2006



183.8750, 16.3306, -11.2914



128.0270, 1.9587, -68.4297



89.8880, 9.9152, -6.9178



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



83.2960, 41.2661, -29.2006



86.8590, 64.1595, -45.4803



70.2150, 47.7150, 2.4424



78.0860, 2.9156, -1.8294



42.1130, 52.2023, -36.9331



5.8020, 6.9996, -5.0884

Inverse Universe

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



88.8590, -2.3955, 68.5297



95.4600, -3.6778, 106.5906



146.7850, -47.7150, -2.4424



78.6200, -0.3057, 4.7183



49.1540, -3.0339, 86.6879



6.6640, -0.3274, 11.6957

Previews

White Background



This preview shows how the YUV color 83.2960, 41.2661, -29.2006 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 83.2960, 41.2661, -29.2006 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 83.2960, 41.2661, -29.2006

Background



This preview shows how black text looks on a background with the YUV color 83.2960, 41.2661, -29.2006.



This preview shows how white text looks on a background with the YUV color 83.2960, 41.2661, -29.2006.

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

83.2960, 41.2661, -29.2006

Protanopia

81.3060, 42.7401, -35.3484

Deuteranopia

70.7280, 42.5321, -62.0285



Tritanopia

69.4960, 17.5035, -60.9480

Trichromacy



Original Color

83.2960, 41.2661, -29.2006

Protanomaly

82.2030, 42.2979, -33.5040

Deuteranomaly

75.3920, 42.2047, -50.3328

Tritanomaly

74.5650, 26.3435, -49.6075

Monochromacy



Original Color

83.2960, 41.2661, -29.2006

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9460, 15.3096, -10.4766

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.2960, 41.2661, -29.2006 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(50, 84, 167)` looks like.

```
.text, #text, p{  
    color:rgb(50, 84, 167)  
}
```

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(50, 84, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 84, 167) }
```

Border

The CSS property to change the border of an element to YUV 83.2960, 41.2661, -29.2006 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(50, 84, 167) }
```


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

```
.border{ border-color:rgb(50, 84, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 84, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 84, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 84, 167);  
box-shadow:4px 4px 4px 4px rgb(50, 84,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 83.2960, 41.2661, -29.2006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 84, 167) }
```

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

```
.background{ background-color: rgb(50, 84,  
167) }
```

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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