

Converting Colors

YUV(92.4440, 36.7561,
-29.3304)

Have a look what the booklet for
YUV(92.4440, 36.7561, -29.3304)
contains.

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Color

**YUV(92.4440, 36.7561,
-29.3304)**

Conversions

Conversions Part 1

Format	Color
Hex	3B5FA7
RGB	59, 95, 167
RGB Percent	23%, 37%, 65%
CMY	0.7686, 0.6275, 0.3451
CMYK	0.65, 0.43, 0.00, 0.35
HSL	220°, 48%, 44%
HSV	220°, 65%, 65%
XYZ	12.8709, 11.9042, 38.1786
YIQ	92.4440, -44.5680, 14.7600

Conversions

Conversions Part 2

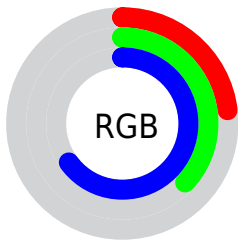
Format	Color
R_{YB}	59, 86, 167
Decimal	3891111
CIE _{Lab}	41.06, 10.80, -42.65
CIE _{LCh}	41, 43.992, 284.206
Yxy	11.9042, 0.2045, 0.1891
Android (android.graphics.Color)	4282081191 (0xFF3B5FA7)
YUV	92.4440, 36.7561, -29.3304
Hunter-Lab	34.5025, 6.2086, -41.4553

Details

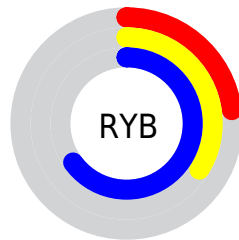
The YUV color **92.4440, 36.7561, -29.3304** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **133.5560, -36.7561, 29.3304**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.5200, 38.1976, -25.0120**, and **42.3460, 35.3254, -37.1374** is the 20% darker color. If you saturate the color by 10%, you get **80.9040, 42.4453, -34.1188**, and if you desaturate by 10%, it is **103.9840, 31.0669, -24.5420**.

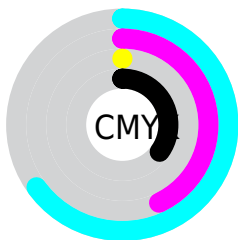
Distribution



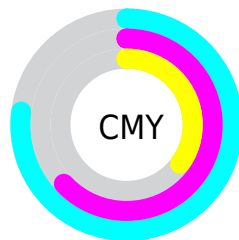
- Red (23%)
- Green (37%)
- Blue (65%)



- Red (23%)
- Yellow (34%)
- Blue (65%)



- Cyan (65%)
- Magenta (43%)
- Yellow (0%)
- Black (35%)



- Cyan (77%)
- Magenta (63%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.4440, 36.7561, -29.3304 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 92.4440, 36.7561, -29.3304 by changing the saturation by 10% instead.

■ 92.4440, 36.7561,
-29.3304

■ 92.4440, 36.7561,
-29.3304

■ 255.0000, 0.0000,
0.0000

■ 65.4000, 36.7778,
-36.3078

■ 145.5200, 38.1976,
-25.0120

■ 42.3460, 35.3254,
-37.1374

■ 172.3460, 38.7764,
-23.9824

■ 27.1690, 30.4827,
-23.8272

■ 197.6100, 28.2933,
-21.5830

■ 8.6980, 28.2499,
-7.6281

■ 222.7170, 15.9155,
-18.1688

■ 6.6630, 17.9141,
-5.8435

■ 247.8240, 3.5378,
-14.7546

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,

0.0000

■ 92.4440, 36.7561,
-29.3304

■ 92.4440, 36.7561,
-29.3304

■ 80.9040, 42.4453,
-34.1188

■ 103.9840, 31.0669,
-24.5420

■ 69.6630, 47.9871,
-38.2925

■ 115.2250, 25.5251,
-20.3683

■ 58.1230, 53.6764,
-43.0809

■ 126.7650, 19.8359,
-15.5799

■ 51.9100, 56.7394,
-45.5251

■ 138.8920, 13.8572,
-11.3063

■ 150.1330, 8.3154,
-7.1326

■ 161.6730, 2.6262,
-2.3442

■ 173.2130, -3.0630,
2.4442

■ 184.7530, -8.7522,
7.2326

■ 195.9940,
-14.2940, 11.4063

Harmonies

Analogous

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



81.1460, 41.8330, -71.1650



92.4440, 36.7561, -29.3304



100.1250, 24.0954, 18.3074

Triad

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



92.4440, 36.7561, -29.3304



94.9560, -23.1493, 51.7816



74.9950, 0.4955, -65.7706

Complementary

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



92.4440, 36.7561, -29.3304



133.5560, -36.7561, 29.3304

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.



86.1130, -21.7477, -24.6551



92.4440, 36.7561, -29.3304



93.4470, -34.7304, 32.9340

Square

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



92.4440, 36.7561, -29.3304



94.6530, -6.7309, 59.0633



90.3530, -35.6700, 7.5834



79.8000, 16.3676, -69.9846

Rectangle

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



92.4440, 36.7561, -29.3304



98.8520, 14.8630, 39.5948



90.3530, -35.6700, 7.5834



73.0400, -4.4567, -64.0561

Sweetspot

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



92.4440, 36.7561, -29.3304



188.3050, 14.1466, -10.7915



130.6040, 0.1952, -62.7967



92.2470, 8.7522, -7.2326



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.



92.4440, 36.7561, -29.3304



100.1380, 57.6130, -45.7250



76.6940, 44.5209, 0.2684



78.6730, 2.6262, -2.3442



45.6350, 50.4659, -40.0219



6.3890, 6.7102, -5.6032

Inverse Universe

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



95.3960, -0.1952, 62.7967



104.9150, -0.4511, 98.2985



149.3060, -44.5209, -0.2684



78.7340, 0.1311, 4.6183



49.8380, -0.4131, 86.0881



6.7780, 0.1094, 11.5957

Previews

White Background



This preview shows how the YUV color 92.4440, 36.7561, -29.3304 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 × Fail

Black Background



This preview shows how the YUV color 92.4440, 36.7561, -29.3304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 92.4440, 36.7561, -29.3304

Background



This preview shows how black text looks on a background with the YUV color 92.4440, 36.7561, -29.3304.



This preview shows how white text looks on a background with the YUV color 92.4440, 36.7561,

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

92.4440, 36.7561, -29.3304

Protanopia

93.5370, 35.7243, -25.0269

Deuteranopia

89.0080, 37.9571, -41.2260



Tritanopia

83.7040, 15.4289, -48.8524

Trichromacy



Original Color

92.4440, 36.7561, -29.3304

Protanomaly

92.9390, 36.0191, -26.2565

Deuteranomaly

90.2150, 37.3620, -37.0226

Tritanomaly

86.8110, 23.2642, -41.9302

Monochromacy



Original Color

92.4440, 36.7561, -29.3304

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.0770, 13.2730, -10.5915

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.4440, 36.7561, -29.3304 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(59, 95, 167)` looks like.

```
.text, #text, p{  
    color:rgb(59, 95, 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(59, 95, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 95, 167) }
```

Border

The CSS property to change the border of an element to YUV 92.4440, 36.7561, -29.3304 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(59, 95, 167) }
```


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

```
.border{ border-color:rgb(59, 95, 167) }
```

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

Here you see how a box with a 4 pixel rgb(59, 95, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 95, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 95, 167);  
box-shadow:4px 4px 4px 4px rgb(59, 95,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 92.4440, 36.7561, -29.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 95, 167) }
```

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

```
.background{ background-color: rgb(59, 95,  
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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