

Converting Colors

YUV(89.3000, 61.9701,
-43.2361)

Have a look what the booklet for
YUV(89.3000, 61.9701, -43.2361)
contains.

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Color

**YUV(89.3000, 61.9701,
-43.2361)**

Conversions

Conversions Part 1

Format	Color
Hex	285AD7
RGB	40, 90, 215
RGB Percent	16%, 35%, 84%
CMY	0.8431, 0.6471, 0.1569
CMYK	0.81, 0.58, 0.00, 0.16
HSL	223°, 69%, 50%
HSV	223°, 81%, 84%
XYZ	16.7970, 12.6697, 65.8502
YIQ	89.3000, -69.9250, 28.2750

Conversions

Conversions Part 2

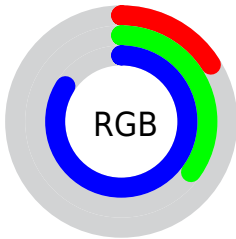
Format	Color
RYP	40, 79, 215
Decimal	2644695
CIELab	42.26, 29.46, -68.68
CIElCh	42, 74.734, 293.216
Yxy	12.6697, 0.1762, 0.1329
Android (android.graphics.Color)	4280834775 (0xFF285AD7)
YUV	89.3000, 61.9701, -43.2361
Hunter-Lab	35.5946, 21.9431, -84.7706

Details

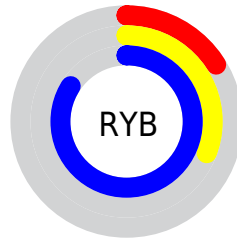
The YUV color **89.3000, 61.9701, -43.2361** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **165.7000, -61.9701, 43.2361**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.0480, 54.2063, -26.3521**, and **45.1280, 56.1389, -39.5773** is the 20% darker color. If you saturate the color by 10%, you get **74.2160, 69.4065, -48.4244**, and if you desaturate by 10%, it is **104.6830, 54.3863, -37.4330**.

Distribution



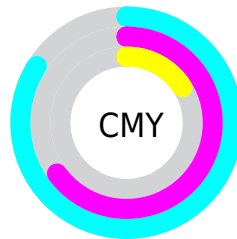
- Red (16%)
- Green (35%)
- Blue (84%)



- Red (16%)
- Yellow (31%)
- Blue (84%)



- Cyan (81%)
- Magenta (58%)
- Yellow (0%)
- Black (16%)



- Cyan (84%)
- Magenta (65%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3000, 61.9701, -43.2361 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 89.3000, 61.9701, -43.2361 by changing the saturation by 10% instead.

■ 89.3000, 61.9701,
-43.2361

■ 89.3000, 61.9701,
-43.2361

■ 255.0000, 0.0000,
0.0000

■ 60.6470, 62.2920,
-53.1874

■ 145.0480, 54.2063,
-26.3521

■ 45.1280, 56.1389,
-39.5773

■ 170.1660, 41.8232,
-21.1936

■ 30.8970, 49.8438,
-27.0967

■ 195.2840, 29.4400,
-16.0351

■ 13.8450, 45.4324,
-12.1421

■ 220.4020, 17.0568,
-10.8766

■ 15.6910, 32.1973,
-13.7610

■ 246.6940, 4.0949,
-6.7476

■ 9.4330, 23.4505,
-8.2727

■ 5.0500, 14.2723,

-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 89.3000, 61.9701,
-43.2361

■ 89.3000, 61.9701,
-43.2361

■ 74.2160, 69.4065,
-48.4244

■ 104.6830, 54.3863,
-37.4330

■ 60.3170, 76.2587,
-52.8980

■ 120.3540, 46.6605,
-32.7595

■ 135.7370, 39.0767,
-26.9563

■ 150.8210, 31.6402,
-21.7680

■ 166.7910, 23.7670,
-16.4797

■ 181.8750, 16.3306,
-11.2914

■ 197.8450, 8.4574,
-6.0031

■ 212.9290, 1.0210,
-0.8147

■ 228.3120, -6.5628,
4.9884

Harmonies

Analogous

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



91.2800, 65.4310, -80.0526



89.3000, 61.9701, -43.2361



96.8300, 38.5378, 52.7691

Triad

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



89.3000, 61.9701, -43.2361



88.7300, -43.7439, 77.4128



82.2500, 0.3698, -72.1333

Complementary

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



89.3000, 61.9701, -43.2361



165.7000, -61.9701, 43.2361

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.



71.2380, -31.6693, -62.4757



89.3000, 61.9701, -43.2361



94.6570, -46.6659, 34.5038

Square

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



89.3000, 61.9701, -43.2361



66.4830, -5.1681, 117.9714



87.8810, -43.3253, -10.4196



90.1330, 28.0354, -79.0466

Rectangle

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



89.3000, 61.9701, -43.2361



72.7160, 31.6920, 101.9811



87.8810, -43.3253, -10.4196



79.1550, -8.9504, -69.4189

Sweetspot

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



89.3000, 61.9701, -43.2361



210.9330, 21.7250, -14.8502



156.7470, 3.0827, -102.3871



101.0880, 13.2676, -8.8472



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



89.3000, 61.9701, -43.2361



75.1770, 88.6527, -61.5452



70.4150, 71.2804, 4.0210



99.0150, 3.9366, -2.6442



48.2570, 60.5123, -42.3214



11.9460, 15.3096, -10.4766

Inverse Universe

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



98.0250, -3.9563, 102.5871



87.8440, -5.8391, 146.5958



184.5850, -71.2804, -4.0210



99.6310, -0.3111, 6.4626



56.7150, -3.8035, 100.2279



14.2250, -1.0969, 25.2357

Previews

White Background



This preview shows how the YUV color 89.3000, 61.9701, -43.2361 looks on a white background.

Color Contrast Check

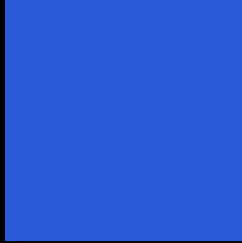
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.3000, 61.9701, -43.2361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

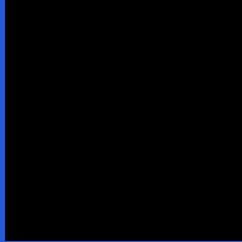
Any Text WCAG AA × Fail

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 89.3000, 61.9701, -43.2361 Background



This preview shows how black text looks on a background with the YUV color 89.3000, 61.9701, -43.2361.



This preview shows how white text looks on a background with the YUV color 89.3000, 61.9701,

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

89.3000, 61.9701, -43.2361

Protanopia

78.9070, 61.1778, -69.2014

Deuteranopia

79.7100, 46.4850, -69.9057



Tritanopia

77.9080, 19.2724, -68.3253

Trichromacy



Original Color

89.3000, 61.9701, -43.2361

Protanomaly

82.6740, 61.2927, -59.3501

Deuteranomaly

83.5570, 51.9834, -60.1245

Tritanomaly

82.3880, 34.8117, -59.0993

Monochromacy



Original Color

89.3000, 61.9701, -43.2361

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8620, 22.7460, -15.6650

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3000, 61.9701, -43.2361 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(40, 90, 215)` looks like.

```
.text, #text, p{  
    color:rgb(40, 90, 215)  
}
```

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(40, 90, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 90, 215) }
```

Border

The CSS property to change the border of an element to YUV 89.3000, 61.9701, -43.2361 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(40, 90, 215) }
```


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

```
.border{ border-color:rgb(40, 90, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 90, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 90, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 90, 215);  
box-shadow:4px 4px 4px 4px rgb(40, 90,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 89.3000, 61.9701, -43.2361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 90, 215) }
```

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

```
.background{ background-color: rgb(40, 90,  
215) }
```

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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