

Converting Colors

YUV(82.5930, 30.7667,
-21.5681)

Have a look what the booklet for
YUV(82.5930, 30.7667, -21.5681)
contains.

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Color

**YUV(82.5930, 30.7667,
-21.5681)**

Conversions

Conversions Part 1

Format	Color
Hex	3A5391
RGB	58, 83, 145
RGB Percent	23%, 33%, 57%
CMY	0.7725, 0.6745, 0.4314
CMYK	0.60, 0.43, 0.00, 0.43
HSL	223°, 43%, 40%
HSV	223°, 60%, 57%
XYZ	9.9490, 9.1304, 28.0260
YIQ	82.5930, -34.8020, 13.9820

Conversions

Conversions Part 2

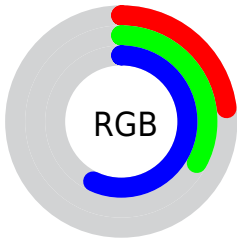
Format	Color
RYB	58, 77, 145
Decimal	3822481
CIELab	36.23, 10.49, -37.16
CIElCh	36, 38.617, 285.768
Yxy	9.1304, 0.2112, 0.1938
Android (android.graphics.Color)	4282012561 (0xFF3A5391)
YUV	82.5930, 30.7667, -21.5681
Hunter-Lab	30.2165, 5.8935, -33.8403

Details

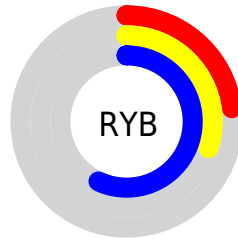
The YUV color **82.5930, 30.7667, -21.5681** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **120.4070, -30.7667, 21.5681**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.6580, 32.2136, -18.9941**, and **33.6090, 29.7728, -29.4751** is the 20% darker color. If you saturate the color by 10%, you get **72.5370, 35.7243, -25.0269**, and if you desaturate by 10%, it is **92.6490, 25.8090, -18.1092**.

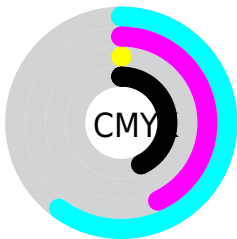
Distribution



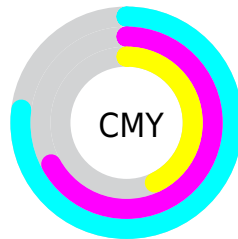
- Red (23%)
- Green (33%)
- Blue (57%)



- Red (23%)
- Yellow (30%)
- Blue (57%)



- Cyan (60%)
- Magenta (43%)
- Yellow (0%)
- Black (43%)



- Cyan (77%)
- Magenta (67%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.5930, 30.7667, -21.5681 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 82.5930, 30.7667, -21.5681 by changing the saturation by 10% instead.

■ 82.5930, 30.7667,
-21.5681

■ 82.5930, 30.7667,
-21.5681

■ 255.0000, 0.0000,
0.0000

■ 57.1580, 30.4881,
-25.5716

■ 133.6580, 32.2136,
-18.9941

■ 33.6090, 29.7728,
-29.4751

■ 160.5980, 33.2292,
-18.0644

■ 19.1330, 25.0774,
-16.7796

■ 187.8970, 33.0818,
-17.4497

■ 7.7060, 19.3719,
-6.7582

■ 212.7050, 20.8514,
-14.6503

■ 3.4370, 10.6306,
-3.0142

■ 237.8120, 8.4737,
-11.2361

■ 0.0000, 0.0000,
0.0000

254.7010, 0.1474,

-0.6148

■ 82.5930, 30.7667,
-21.5681

■ 82.5930, 30.7667,
-21.5681

■ 72.5370, 35.7243,
-25.0269

■ 92.6490, 25.8090,
-18.1092

■ 61.5950, 41.1187,
-28.5858

■ 103.5910, 20.4146,
-14.5503

■ 51.2400, 46.2237,
-32.6595

■ 113.9460, 15.3096,
-10.4766

■ 41.1840, 51.1813,
-36.1184

■ 124.0020, 10.3520,
-7.0178

■ 134.9440, 4.9576,
-3.4589

■ 145.0000, 0.0000,
0.0000

■ 155.0560, -4.9576,
3.4589

■ 165.9980,
-10.3520, 7.0178

■ 176.0540,
-15.3096, 10.4766

Harmonies

Analogous

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



71.1210, 36.4223, -62.3731



82.5930, 30.7667, -21.5681



88.0880, 20.1696, 17.4628

Triad

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



82.5930, 30.7667, -21.5681



83.5960, -20.5068, 44.2043



65.9790, 1.4894, -57.8636

Complementary

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



82.5930, 30.7667, -21.5681



120.4070, -30.7667, 21.5681

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.



75.8620, -17.6800, -22.6810



82.5930, 30.7667, -21.5681



82.3800, -29.7673, 27.7307

Square

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



82.5930, 30.7667, -21.5681



83.8970, -6.8512, 50.9563



80.2370, -29.6968, 5.0542



70.2140, 15.1775, -61.5777

Rectangle

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



82.5930, 30.7667, -21.5681



87.0210, 11.8216, 35.0616



80.2370, -29.6968, 5.0542



64.8500, -2.8840, -55.1194

Sweetspot

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



82.5930, 30.7667, -21.5681



164.1590, 12.2466, -8.0324



116.0230, 1.4677, -50.8862



79.8020, 6.9996, -5.0884



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



82.5930, 30.7667, -21.5681



91.3970, 48.1183, -33.6742



73.0010, 35.4955, 1.7531



65.9720, 2.4788, -1.7294



38.2830, 47.6815, -33.5742



2.0860, 2.9156, -1.8294

Inverse Universe

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



86.8630, -1.9045, 50.9861



98.1100, -3.0122, 79.7105



129.9990, -35.4955, -1.7531



66.3210, -0.1583, 4.1035



44.8110, -2.8648, 79.0958



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 82.5930, 30.7667, -21.5681 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 82.5930, 30.7667, -21.5681 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 82.5930, 30.7667, -21.5681 Background



This preview shows how black text looks on a background with the YUV color 82.5930, 30.7667, -21.5681.



This preview shows how white text looks on a background with the YUV color 82.5930, 30.7667,

-21.5681.

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

82.5930, 30.7667, -21.5681

Protanopia

82.5930, 30.7667, -21.5681

Deuteranopia

79.4560, 31.8202, -32.8489



Tritanopia

77.3530, 11.1650, -34.5126

Trichromacy



Original Color

82.5930, 30.7667, -21.5681

Protanomaly

82.5930, 30.7667, -21.5681

Deuteranomaly

80.6630, 31.2251, -28.6455

Tritanomaly

78.9220, 18.2795, -29.7496

Monochromacy



Original Color

82.5930, 30.7667, -21.5681

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9310, 11.3730, -7.8325

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.5930, 30.7667, -21.5681 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(58, 83, 145)` looks like.

```
.text, #text, p{  
    color:rgb(58, 83, 145)  
}
```

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(58, 83, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 83, 145) }
```

Border

The CSS property to change the border of an element to YUV 82.5930, 30.7667, -21.5681 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(58, 83, 145) }
```


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

```
.border{ border-color:rgb(58, 83, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 83, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 83, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 83, 145);  
box-shadow:4px 4px 4px 4px rgb(58, 83,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 82.5930, 30.7667, -21.5681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 83, 145) }
```

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

```
.background{ background-color: rgb(58, 83,  
145) }
```

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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