

Converting Colors

YUV(82.2820, 32.3990,
-31.8193)

Have a look what the booklet for
YUV(82.2820, 32.3990, -31.8193)
contains.

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Color

**YUV(82.2820, 32.3990,
-31.8193)**

Conversions

Conversions Part 1

Format	Color
Hex	2E5894
RGB	46, 88, 148
RGB Percent	18%, 35%, 58%
CMY	0.8196, 0.6549, 0.4196
CMYK	0.69, 0.41, 0.00, 0.42
HSL	215°, 53%, 38%
HSV	215°, 69%, 58%
XYZ	9.9617, 9.6984, 29.3639
YIQ	82.2820, -44.2920, 9.7560

Conversions

Conversions Part 2

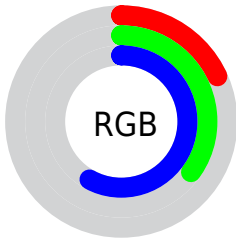
Format	Color
R_{YB}	46, 76, 148
Decimal	3037332
CIE _{Lab}	37.30, 6.02, -37.33
CIE _{LCh}	37, 37.809, 279.160
Yxy	9.6984, 0.2032, 0.1978
Android (android.graphics.Color)	4281227412 (0xFF2E5894)
YUV	82.2820, 32.3990, -31.8193
Hunter-Lab	31.1423, 2.5993, -34.1047

Details

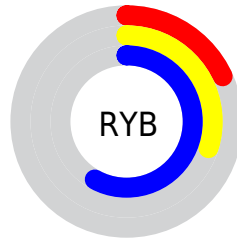
The YUV color **82.2820, 32.3990, -31.8193** is a dark color, and the websafe version is hex **336699**, and the color name is **b'dazzled blue**. A complement of this color would be **111.7180, -32.3990, 31.8193**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.2440, 33.4037, -27.4010**, and **36.2990, 29.9256, -31.8342** is the 20% darker color. If you saturate the color by 10%, you get **72.5140, 37.2146, -36.4078**, and if you desaturate by 10%, it is **92.0500, 27.5833, -27.2308**.

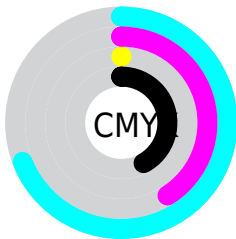
Distribution



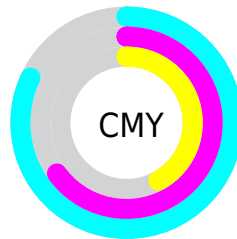
- Red (18%)
- Green (35%)
- Blue (58%)



- Red (18%)
- Yellow (30%)
- Blue (58%)



- Cyan (69%)
- Magenta (41%)
- Yellow (0%)
- Black (42%)



- Cyan (82%)
- Magenta (65%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.2820, 32.3990, -31.8193 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 82.2820, 32.3990, -31.8193 by changing the saturation by 10% instead.

■ 82.2820, 32.3990,
-31.8193

■ 82.2820, 32.3990,
-31.8193

■ 255.0000, 0.0000,
0.0000

■ 52.9600, 34.0367,
-43.8149

■ 134.2440, 33.4037,
-27.4010

■ 36.2990, 29.9256,
-31.8342

■ 161.7710, 34.1299,
-26.9862

■ 22.4100, 24.9409,
-19.6536

■ 188.7280, 32.6721,
-26.0715

■ 8.0480, 20.6823,
-7.0581

■ 213.2480, 20.5837,
-22.1425

■ 3.7790, 11.9410,
-3.3142

■ 238.6430, 8.0640,
-19.8579

■ 0.0000, 0.0000,
0.0000

■ 252.3090, 1.3267,

-5.5330

■ 82.2820, 32.3990,
-31.8193

■ 82.2820, 32.3990,
-31.8193

■ 72.5140, 37.2146,
-36.4078

■ 92.0500, 27.5833,
-27.2308

■ 63.3330, 41.7408,
-41.5110

■ 101.2310, 23.0571,
-22.1276

■ 53.8640, 46.4090,
-45.4847

■ 110.7000, 18.3889,
-18.1539

■ 52.6790, 46.9933,
-46.1995

■ 120.4680, 13.5733,
-13.5654

■ 130.2360, 8.7577,
-8.9770

■ 139.4170, 4.2314,
-3.8737

■ 149.1850, -0.5842,
0.7148

■ 158.6540, -5.2524,
4.6884

■ 167.8350, -9.7787,
9.7917

Harmonies

Analogous

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



73.3550, 34.8280, -64.3323



82.2820, 32.3990, -31.8193



90.5000, 21.9385, 10.0855

Triad

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



82.2820, 32.3990, -31.8193



86.7040, -17.6021, 45.8636



66.6970, -0.8366, -58.4933

Complementary

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



82.2820, 32.3990, -31.8193



111.7180, -32.3990, 31.8193

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.



80.1080, -20.7592, -15.0037



82.2820, 32.3990, -31.8193



85.5700, -27.8890, 31.9491

Square

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



82.2820, 32.3990, -31.8193



87.3960, -3.6462, 49.6417



83.5690, -29.8605, 10.9020



71.5190, 12.5621, -62.7222

Rectangle

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



82.2820, 32.3990, -31.8193



89.9710, 14.3113, 29.8434



83.5690, -29.8605, 10.9020



74.5380, -9.6322, -37.3058

Sweetspot

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



82.2820, 32.3990, -31.8193



165.5390, 12.5523, -12.7507



112.7140, -3.3100, -58.5082



81.6060, 7.5892, -7.5475



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



82.2820, 32.3990, -31.8193



89.1670, 50.2037, -49.2585



60.3190, 43.2267, -4.6648



69.5590, 2.1894, -2.2442



49.1910, 43.7828, -43.1405



3.4880, 3.2104, -3.0590

Inverse Universe

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



81.2860, 3.3100, 58.5082



87.6520, 5.1016, 90.6362



133.9800, -43.3741, 5.2795



69.4350, 0.2785, 4.0035



47.7600, 4.5553, 79.1405



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 82.2820, 32.3990, -31.8193 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 82.2820, 32.3990, -31.8193 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 82.2820, 32.3990, -31.8193

Background



This preview shows how black text looks on a background with the YUV color 82.2820, 32.3990, -31.8193.



This preview shows how white text looks on a background with the YUV color 82.2820, 32.3990,

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

82.2820, 32.3990, -31.8193

Protanopia

85.3760, 29.8876, -19.6238

Deuteranopia

81.6840, 32.6938, -33.0489



Tritanopia

68.9090, 17.7929, -60.4332

Trichromacy



Original Color

82.2820, 32.3990, -31.8193

Protanomaly

84.2830, 30.9195, -23.9272

Deuteranomaly

81.9830, 32.5464, -32.4341

Tritanomaly

74.0550, 23.1439, -50.0372

Monochromacy



Original Color

82.2820, 32.3990, -31.8193

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.0230, 11.8207, -11.4212

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.2820, 32.3990, -31.8193 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(46, 88, 148)` looks like.

```
.text, #text, p{  
    color:rgb(46, 88, 148)  
}
```

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(46, 88, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 88, 148) }
```

Border

The CSS property to change the border of an element to YUV 82.2820, 32.3990, -31.8193 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(46, 88, 148) }
```


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

```
.border{ border-color:rgb(46, 88, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 88, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 88, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 88, 148);  
box-shadow:4px 4px 4px 4px rgb(46, 88,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 82.2820, 32.3990, -31.8193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 88, 148) }
```

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

```
.background{ background-color: rgb(46, 88,  
148) }
```

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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