

Converting Colors

YUV(145.7200, -59.0220,
30.9406)

Have a look what the booklet for
YUV(145.7200, -59.0220, 30.9406)
contains.

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Color

**YUV(145.7200, -59.0220,
30.9406)**

Conversions

Conversions Part 1

Format	Color
Hex	B5971A
RGB	181, 151, 26
RGB Percent	71%, 59%, 10%
CMY	0.2902, 0.4078, 0.8980
CMYK	0.00, 0.17, 0.86, 0.29
HSL	48°, 75%, 41%
HSV	48°, 86%, 71%
XYZ	30.3091, 32.0316, 5.5625
YIQ	145.7200, 58.0050, -32.5150

Conversions

Conversions Part 2

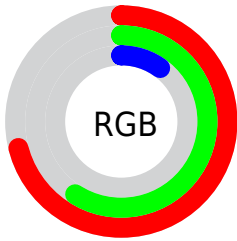
Format	Color
RYB	63, 181, 26
Decimal	11900698
CIELab	63.37, -0.51, 62.63
CIElCh	63, 62.634, 90.466
Yxy	32.0316, 0.4464, 0.4717
Android (android.graphics.Color)	4290090778 (0xFFB5971A)
YUV	145.7200, -59.0220, 30.9406
Hunter-Lab	56.5964, -3.4515, 33.7902

Details

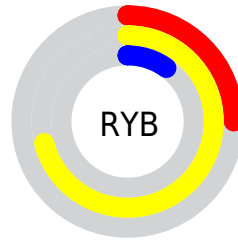
The YUV color **145.7200, -59.0220, 30.9406** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **61.2800, 59.0220, -30.9406**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.9700, -58.1592, 34.2293**, and **96.3630, -47.5070, 24.2376** is the 20% darker color. If you saturate the color by 10%, you get **141.3200, -65.7268, 34.7994**, and if you desaturate by 10%, it is **150.1200, -52.3172, 27.0818**.

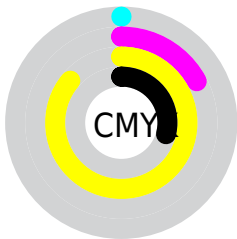
Distribution



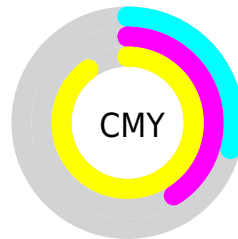
- Red (71%)
- Green (59%)
- Blue (10%)



- Red (25%)
- Yellow (71%)
- Blue (10%)



- Cyan (0%)
- Magenta (17%)
- Yellow (86%)
- Black (29%)



- Cyan (29%)
- Magenta (41%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.7200, -59.0220, 30.9406 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 145.7200, -59.0220, 30.9406 by changing the saturation by 10% instead.

■ 145.7200,
-59.0220, 30.9406

■ 145.7200,
-59.0220, 30.9406

■ 255.0000, 0.0000,
0.0000

■ 118.8230,
-58.5797, 29.0962

■ 201.9700,
-58.1592, 34.2293

■ 96.3630, -47.5070,
24.2376

■ 225.7840,
-56.0955, 25.6224

■ 73.9030, -36.4342,
19.3791

■ 241.7760,
-50.6686, 11.5974

■ 52.9160, -26.0876,
14.1057

■ 244.9680,
-38.4382, 8.7981

■ 32.8150, -16.1778,
8.9322

■ 248.1600,
-26.2079, 5.9987

■ 11.8280, -5.8312,
3.6588

■ 251.4660,

■ 0.0000, 0.0000,

-13.5407, 3.0993

0.0000

254.7720, -0.8736,
0.2000

■ 145.7200,
-59.0220, 30.9406

■ 145.7200,
-59.0220, 30.9406

■ 141.3200,
-65.7268, 34.7994

■ 150.1200,
-52.3172, 27.0818

■ 139.8210,
-68.9318, 36.1140

■ 153.9330,
-45.3230, 23.7378

■ 158.3330,
-38.6182, 19.8790

■ 162.1460,
-31.6240, 16.5350

■ 166.6600,
-24.4824, 12.5762

■ 170.4730,
-17.4882, 9.2322

■ 174.8730,
-10.7834, 5.3734

■ 178.6860, -3.7892,
2.0294

■ 183.0860, 2.9156,
-1.8294

Harmonies

Analogous

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



149.4420, -47.0529, 65.3874



145.7200, -59.0220, 30.9406



140.2890, -45.4985, -13.4085

Triad

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



145.7200, -59.0220, 30.9406



128.8990, 39.4898, -113.0444



156.8230, 25.7233, 56.2832

Complementary

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



145.7200, -59.0220, 30.9406



61.2800, 59.0220, -30.9406

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.



155.5520, 46.5629, -1.3611



145.7200, -59.0220, 30.9406



130.0510, 59.1349, -114.0547

Square

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



145.7200, -59.0220, 30.9406



123.1020, 14.7397, -107.9605



122.9900, 65.0809, -107.8622



151.7180, 1.6180, 87.9473

Rectangle

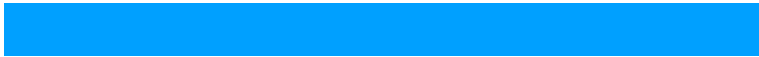
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



145.7200, -59.0220, 30.9406



132.8680, -27.0499, -50.7502



122.9900, 65.0809, -107.8622



157.9610, 33.0502, 39.4992

Sweetspot

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



145.7200, -59.0220, 30.9406



221.0020, -23.1720, 12.2762



75.8790, -9.3073, 92.1911



108.7870, -13.6990, 7.2028



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



145.7200, -59.0220, 30.9406



181.2080, -89.3355, 47.1756



149.5760, -60.9230, -12.7832



87.3870, -3.6418, 1.4146



117.9480, -58.1484, 30.7406



20.1010, -9.9098, 5.1734

Inverse Universe

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



61.2800, 59.0220, -30.9406



53.2050, 89.6249, -46.6608



57.4240, 60.9230, 12.7832



82.2000, 3.3524, -1.9294



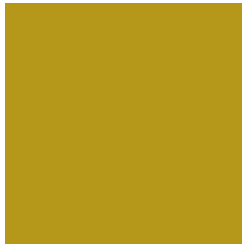
35.0520, 58.1484, -30.7406



5.8990, 9.9098, -5.1734

Previews

White Background



This preview shows how the YUV color 145.7200, -59.0220, 30.9406 looks on a white 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

Black Background



This preview shows how the YUV color 145.7200, -59.0220, 30.9406 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 145.7200, -59.0220, 30.9406

Background



This preview shows how black text looks on a background with the YUV color 145.7200, -59.0220, 30.9406.



This preview shows how white text looks on a background with the YUV color 145.7200, -59.0220, 30.9406.

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

145.7200, -59.0220, 30.9406

Protanopia

145.2030, -58.2741, 24.3780

Deuteranopia

147.1280, -57.7441, 41.1067



Tritanopia

156.4920, -2.7076, 28.5095

Trichromacy



Original Color

145.7200, -59.0220, 30.9406

Protanomaly

145.5130, -58.4269, 26.7371

Deuteranomaly

146.6930, -58.0226, 37.1032

Tritanomaly

152.8130, -23.0788, 29.1050

Monochromacy



Original Color

145.7200, -59.0220, 30.9406

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.0450, -21.7142, 11.3615

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.7200, -59.0220, 30.9406 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(181, 151, 26)` looks like.

```
.text, #text, p{  
    color:rgb(181, 151, 26)  
}
```

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(181, 151, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 151, 26) }
```

Border

The CSS property to change the border of an element to YUV 145.7200, -59.0220, 30.9406 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(181, 151, 26) }
```


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

```
.border{ border-color:rgb(181, 151, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 151, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 151, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 151, 26);  
box-shadow:4px 4px 4px 4px rgb(181, 151,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 145.7200, -59.0220, 30.9406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 151, 26) }
```

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

```
.background{ background-color: rgb(181,  
151, 26) }
```

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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