

Converting Colors

YUV(59.1770, 58.5797,
-29.0962)

Have a look what the booklet for
YUV(59.1770, 58.5797, -29.0962)
contains.

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Color

**YUV(59.1770, 58.5797,
-29.0962)**

Conversions

Conversions Part 1

Format	Color
Hex	1A35B2
RGB	26, 53, 178
RGB Percent	10%, 21%, 70%
CMY	0.8980, 0.7922, 0.3020
CMYK	0.85, 0.70, 0.00, 0.30
HSL	229°, 75%, 40%
HSV	229°, 85%, 70%
XYZ	9.7350, 5.9802, 42.7607
YIQ	59.1770, -56.2170, 33.1510

Conversions

Conversions Part 2

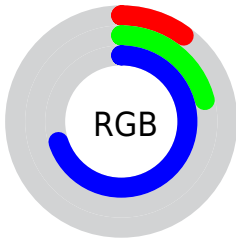
Format	Color
R_{YB}	26, 49, 178
Decimal	1717682
CIE Lab	29.36, 38.41, -68.25
CIE LCh	29, 78.317, 299.371
Yxy	5.9802, 0.1665, 0.1023
Android (android.graphics.Color)	4279907762 (0xFF1A35B2)
YUV	59.1770, 58.5797, -29.0962
Hunter-Lab	24.4544, 28.2634, -86.5558

Details

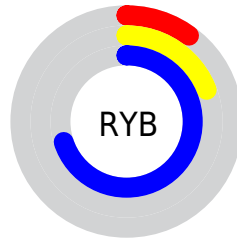
The YUV color **59.1770, 58.5797, -29.0962** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **144.8230, -58.5797, 29.0962**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.6890, 58.8203, -12.8823**, and **21.1800, 50.6903, -18.5749** is the 20% darker color. If you saturate the color by 10%, you get **44.9900, 65.5739, -32.4402**, and if you desaturate by 10%, it is **73.3640, 51.5855, -25.7522**.

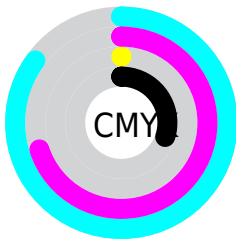
Distribution



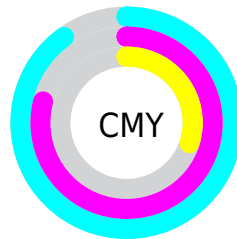
- Red (10%)
- Green (21%)
- Blue (70%)



- Red (10%)
- Yellow (19%)
- Blue (70%)



- Cyan (85%)
- Magenta (70%)
- Yellow (0%)
- Black (30%)



- Cyan (90%)
- Magenta (79%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.1770, 58.5797, -29.0962 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 59.1770, 58.5797, -29.0962 by changing the saturation by 10% instead.

■ 59.1770, 58.5797,
-29.0962

■ 59.1770, 58.5797,
-29.0962

■ 255.0000, 0.0000,
0.0000

■ 35.9980, 56.6960,
-31.5702

■ 115.6890, 58.8203,
-12.8823

■ 21.1800, 50.6903,
-18.5749

■ 141.9130, 55.7519,
-8.6937

■ 11.1720, 42.8062,
-9.7978

■ 166.1450, 43.8055,
-3.6352

■ 13.6050, 29.2817,
-11.9316

■ 190.9640, 31.5697,
0.9086

■ 8.0480, 20.6823,
-7.0581

■ 215.7830, 19.3340,
5.4523

■ 3.7790, 11.9410,
-3.3142

■ 242.0750, 6.3720,

■ 0.0000, 0.0000,

9.5812

0.0000

■ 59.1770, 58.5797,
-29.0962

■ 59.1770, 58.5797,
-29.0962

■ 44.9900, 65.5739,
-32.4402

■ 73.3640, 51.5855,
-25.7522

■ 39.0760, 68.4895,
-34.2697

■ 86.9640, 44.8807,
-21.8934

■ 100.8520, 38.0340,
-19.1642

■ 115.0390, 31.0398,
-15.8202

■ 128.6390, 24.3350,
-11.9614

■ 142.8260, 17.3408,
-8.6174

■ 156.4260, 10.6360,
-4.7586

■ 170.3140, 3.7892,
-2.0294

■ 184.5010, -3.2050,
1.3146

Harmonies

Analogous

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



69.1900, 62.0243, -60.6796



59.1770, 58.5797, -29.0962



55.4130, 37.7574, 69.7978

Triad

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



59.1770, 58.5797, -29.0962



59.4260, -29.2970, 63.6474



60.3540, 2.7835, -52.9305

Complementary

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



59.1770, 58.5797, -29.0962



144.8230, -58.5797, 29.0962

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.



51.6560, -25.4664, -45.3023



59.1770, 58.5797, -29.0962



65.3420, -32.2136, 18.9941

Square

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



59.1770, 58.5797, -29.0962



49.8490, -17.1806, 97.4794



51.7220, -25.4989, -34.8362



68.5960, 29.2862, -60.1587

Rectangle

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



59.1770, 58.5797, -29.0962



58.5560, 17.4739, 88.9664



51.7220, -25.4989, -34.8362



57.9600, -6.3893, -50.8309

Sweetspot

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



59.1770, 58.5797, -29.0962



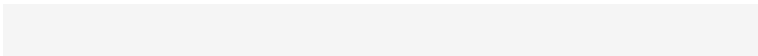
184.7100, 23.3140, -11.1467



129.3600, 10.1755, -90.6467



88.6260, 13.9884, -6.6880



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.



59.1770, 58.5797, -29.0962



50.5150, 89.4721, -44.3017



57.6800, 59.3178, 14.3126



82.2000, 3.3524, -1.9294



33.2910, 59.0165, -29.1962



5.8990, 9.9098, -5.1734

Inverse Universe

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



74.5260, -10.6123, 90.7467



74.0420, -16.2897, 138.5292



146.3200, -59.3178, -14.3126



82.9190, -0.4531, 5.3330



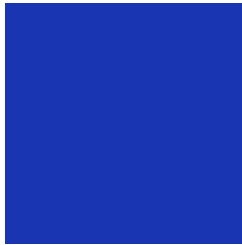
48.8250, -10.7597, 91.3615



8.3440, -1.6486, 15.4843

Previews

White Background



This preview shows how the YUV color 59.1770, 58.5797, -29.0962 looks on a white background.

Color Contrast Check

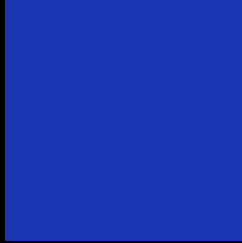
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.1770, 58.5797, -29.0962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

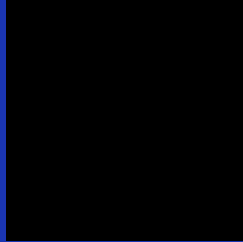
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.1770, 58.5797, -29.0962

Background



This preview shows how black text looks on a background with the YUV color 59.1770, 58.5797, -29.0962.



This preview shows how white text looks on a background with the YUV color 59.1770, 58.5797, -29.0962.

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

59.1770, 58.5797, -29.0962

Protanopia

55.2890, 41.7625, -48.4885

Deuteranopia

55.3570, 31.8690, -48.5481



Tritanopia

54.4330, 13.0975, -47.7377

Trichromacy



Original Color

59.1770, 58.5797, -29.0962

Protanomaly

56.6410, 47.9980, -41.7812

Deuteranomaly

56.3330, 41.7408, -41.5110

Tritanomaly

55.8310, 29.6633, -41.0708

Monochromacy



Original Color

59.1770, 58.5797, -29.0962

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.1400, 21.1300, -10.6468

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.1770, 58.5797, -29.0962 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(26, 53, 178)` looks like.

```
.text, #text, p{  
    color:rgb(26, 53, 178)  
}
```

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(26, 53, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 53, 178) }
```

Border

The CSS property to change the border of an element to YUV 59.1770, 58.5797, -29.0962 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(26, 53, 178) }
```


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

```
.border{ border-color:rgb(26, 53, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 53, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 53, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 53, 178);  
box-shadow:4px 4px 4px 4px rgb(26, 53,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 59.1770, 58.5797, -29.0962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 53, 178) }
```

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

```
.background{ background-color: rgb(26, 53,  
178) }
```

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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