

Converting Colors

YUV(59.2000, 73.8514,
-27.3624)

Have a look what the booklet for
YUV(59.2000, 73.8514, -27.3624)
contains.

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Color

**YUV(59.2000, 73.8514,
-27.3624)**

Conversions

Conversions Part 1

Format	Color
Hex	1C2ED1
RGB	28, 46, 209
RGB Percent	11%, 18%, 82%
CMY	0.8902, 0.8196, 0.1804
CMYK	0.87, 0.78, 0.00, 0.18
HSL	234°, 76%, 46%
HSV	234°, 87%, 82%
XYZ	12.9645, 6.8043, 60.9517
YIQ	59.2000, -63.0510, 46.8770

Conversions

Conversions Part 2

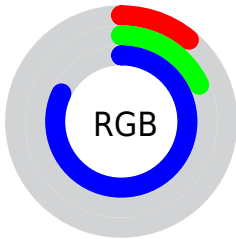
Format	Color
RYB	28, 44, 209
Decimal	1846993
CIELab	31.36, 53.25, -83.18
CIElCh	31, 98.768, 302.629
Yxy	6.8043, 0.1606, 0.0843
Android (android.graphics.Color)	4280037073 (0xFF1C2ED1)
YUV	59.2000, 73.8514, -27.3624
Hunter-Lab	26.0851, 43.0671, -120.2803

Details

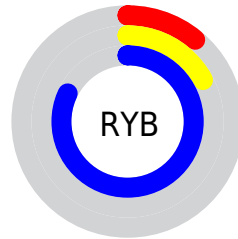
The YUV color **59.2000, 73.8514, -27.3624** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **177.8000, -73.8514, 27.3624**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.7360, 67.6712, -5.0305**, and **18.0290, 66.5407, -15.8114** is the 20% darker color. If you saturate the color by 10%, you get **41.7680, 82.4454, -30.4915**, and if you desaturate by 10%, it is **76.6320, 65.2574, -24.2333**.

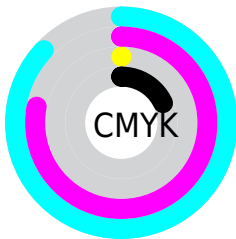
Distribution



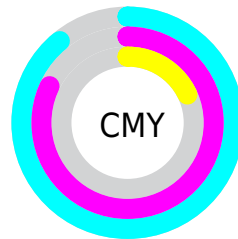
- Red (11%)
- Green (18%)
- Blue (82%)



- Red (11%)
- Yellow (17%)
- Blue (82%)



- Cyan (87%)
- Magenta (78%)
- Yellow (0%)
- Black (18%)



- Cyan (89%)
- Magenta (82%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.2000, 73.8514, -27.3624 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 59.2000, 73.8514, -27.3624 by changing the saturation by 10% instead.

■ 59.2000, 73.8514,
-27.3624

■ 59.2000, 73.8514,
-27.3624

■ 255.0000, 0.0000,
0.0000

■ 34.1350, 72.4044,
-29.9364

■ 117.7360, 67.6712,
-5.0305

■ 18.0290, 66.5407,
-15.8114

■ 142.5660, 55.4300,
1.2576

■ 14.3640, 55.0365,
-12.5972

■ 167.3960, 43.1888,
7.5457

■ 13.7480, 42.5222,
-12.0570

■ 192.5140, 30.8056,
12.7042

■ 13.8330, 30.1553,
-12.1315

■ 218.2190, 18.1330,
17.3479

■ 8.1620, 21.1191,
-7.1581

■ 239.7380, 7.5242,

■ 4.4800, 12.0884,

13.3848

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 59.2000, 73.8514,
-27.3624

■ 59.2000, 73.8514,
-27.3624

■ 41.7680, 82.4454,
-30.4915

■ 76.6320, 65.2574,
-24.2333

■ 36.1530, 85.2136,
-31.7062

■ 94.0640, 56.6634,
-21.1041

■ 110.9090, 48.3589,
-17.4602

■ 128.3410, 39.7649,
-14.3311

■ 145.7730, 31.1709,
-11.2019

■ 162.9060, 22.7243,
-8.6876

■ 180.3380, 14.1304,
-5.5584

■ 197.7700, 5.5364,
-2.4293

■ 214.6150, -2.7682,
1.2146

Harmonies

Analogous

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



77.2720, 77.7599, -67.7675



59.2000, 73.8514, -27.3624



65.4950, 40.1820, 85.5119

Triad

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



59.2000, 73.8514, -27.3624



60.6660, -29.9083, 73.0839



66.5320, 6.1467, -58.3486

Complementary

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



59.2000, 73.8514, -27.3624



177.8000, -73.8514, 27.3624

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.



56.3520, -27.7815, -49.4207



59.2000, 73.8514, -27.3624



68.8530, -33.9445, 14.1609

Square

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



59.2000, 73.8514, -27.3624



55.0160, -27.1229, 113.1190



52.8300, -26.0452, -46.3319



76.7120, 40.0750, -67.2764

Rectangle

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



59.2000, 73.8514, -27.3624



67.8680, 14.3621, 107.1098



52.8300, -26.0452, -46.3319



62.8670, -5.3574, -55.1344

Sweetspot

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



59.2000, 73.8514, -27.3624



200.0460, 27.0923, -9.6873



152.8290, 18.8183, -109.4750



94.9080, 16.3144, -6.0583



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.



59.2000, 73.8514, -27.3624



43.7450, 104.1487, -38.3644



70.1620, 68.4471, 26.1679



95.8410, 4.5154, -1.6146



29.1310, 68.4624, -25.5479



7.0220, 16.7512, -6.1583

Inverse Universe

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



84.1710, -18.8183, 109.4750



79.0950, -26.6688, 154.2687



166.8380, -68.4471, -26.1679



97.4030, -1.1847, 6.6626



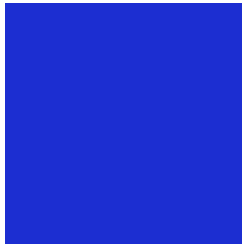
52.1700, -17.3388, 101.5829



12.7150, -4.2965, 24.8059

Previews

White Background



This preview shows how the YUV color 59.2000, 73.8514, -27.3624 looks on a white background.

Color Contrast Check

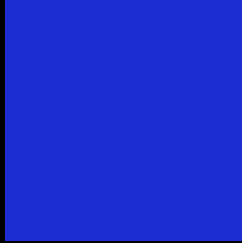
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.2000, 73.8514, -27.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

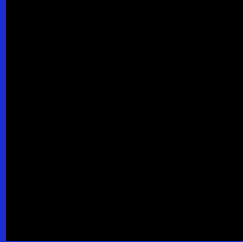
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.2000, 73.8514, -27.3624

Background



This preview shows how black text looks on a background with the YUV color 59.2000, 73.8514, -27.3624.



This preview shows how white text looks on a background with the YUV color 59.2000, 73.8514,

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

59.2000, 73.8514, -27.3624

Protanopia

58.6630, 44.5361, -51.4475

Deuteranopia

59.0900, 33.4796, -51.8219



Tritanopia

57.9380, 13.8346, -50.8116

Trichromacy



Original Color

59.2000, 73.8514, -27.3624

Protanomaly

58.8780, 55.2761, -42.8660

Deuteranomaly

59.0430, 48.2928, -43.0107

Tritanomaly

58.4270, 35.7785, -42.4705

Monochromacy



Original Color

59.2000, 73.8514, -27.3624

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.0460, 27.0923, -9.6873

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.2000, 73.8514, -27.3624 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(28, 46, 209)` looks like.

```
.text, #text, p{  
    color:rgb(28, 46, 209)  
}
```

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(28, 46, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 46, 209) }
```

Border

The CSS property to change the border of an element to YUV 59.2000, 73.8514, -27.3624 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(28, 46, 209) }
```


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

```
.border{ border-color:rgb(28, 46, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 46, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 46, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 46, 209);  
box-shadow:4px 4px 4px 4px rgb(28, 46,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 59.2000, 73.8514, -27.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 46, 209) }
```

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

```
.background{ background-color: rgb(28, 46,  
209) }
```

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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