

Converting Colors

YUV(59.2040, 81.2444,
-18.5959)

Have a look what the booklet for
YUV(59.2040, 81.2444, -18.5959)
contains.

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Color

**YUV(59.2040, 81.2444,
-18.5959)**

Conversions

Conversions Part 1

Format	Color
Hex	2626E0
RGB	38, 38, 224
RGB Percent	15%, 15%, 88%
CMY	0.8510, 0.8510, 0.1216
CMYK	0.83, 0.83, 0.00, 0.12
HSL	240°, 75%, 51%
HSV	240°, 83%, 88%
XYZ	14.9470, 7.1801, 71.1191
YIQ	59.2040, -59.7060, 57.8460

Conversions

Conversions Part 2

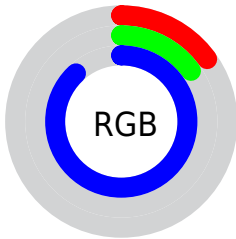
Format	Color
R _Y B	38, 38, 224
Decimal	2500320
CIE _L ab	32.21, 62.07, -90.40
CIE _L Ch	32, 109.658, 304.472
Yxy	7.1801, 0.1603, 0.0770
Android (android.graphics.Color)	4280690400 (0xFF2626E0)
YUV	59.2040, 81.2444, -18.5959
Hunter-Lab	26.7957, 52.6769, -138.6058

Details

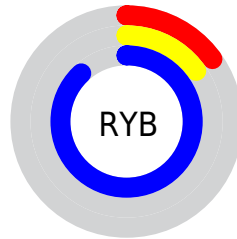
The YUV color **59.2040, 81.2444, -18.5959** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **202.7960, -81.2444, 18.5959**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.1930, 67.9389, 2.4617**, and **19.0380, 72.9453, -16.6963** is the 20% darker color. If you saturate the color by 10%, you get **39.7120, 90.8540, -20.7954**, and if you desaturate by 10%, it is **78.6960, 71.6349, -16.3964**.

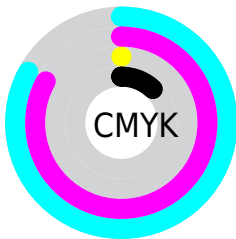
Distribution



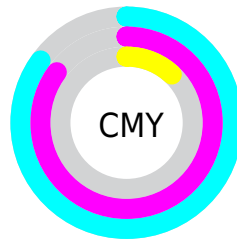
- Red (15%)
- Green (15%)
- Blue (88%)



- Red (15%)
- Yellow (15%)
- Blue (88%)



- Cyan (83%)
- Magenta (83%)
- Yellow (0%)
- Black (12%)



- Cyan (85%)
- Magenta (85%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.2040, 81.2444, -18.5959 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 59.2040, 81.2444, -18.5959 by changing the saturation by 10% instead.

■ 59.2040, 81.2444,
-18.5959

■ 59.2040, 81.2444,
-18.5959

■ 255.0000, 0.0000,
0.0000

■ 27.5130, 82.5711,
-24.1289

■ 117.1930, 67.9389,
2.4617

■ 19.0380, 72.9453,
-16.6963

■ 142.3220, 55.5503,
9.3646

■ 15.9600, 61.1517,
-13.9969

■ 167.4510, 43.1617,
16.2675

■ 12.8820, 49.3582,
-11.2975

■ 193.1560, 30.4891,
20.9112

■ 16.9620, 34.5287,
-14.8757

■ 219.1600, 17.6691,
26.1697

■ 10.7040, 25.7819,
-9.3874

■ 237.3900, 8.6817,

■ 6.3210, 16.6037,

15.4440

-5.5435

254.4130, 0.2894,
0.5148

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 59.2040, 81.2444,
-18.5959

■ 59.2040, 81.2444,
-18.5959

■ 39.7120, 90.8540,
-20.7954

■ 78.6960, 71.6349,
-16.3964

■ 25.5360, 97.8428,
-22.3951

■ 99.0740, 61.5885,
-14.0969

■ 118.5660, 51.9790,
-11.8974

■ 138.9440, 41.9326,
-9.5979

■ 158.4360, 32.3231,
-7.3984

■ 177.9280, 22.7135,
-5.1989

■ 198.3060, 12.6671,
-2.8994

■ 217.7980, 3.0576,
-0.6998

■ 238.1760, -6.9888,
1.5996

Harmonies

Analogous

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



81.3130, 85.6277, -71.3115



59.2040, 81.2444, -18.5959



70.9630, 40.4442, 94.7484

Triad

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



59.2040, 81.2444, -18.5959



61.5740, -30.3560, 76.6726



69.9060, 8.9203, -61.3076

Complementary

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



59.2040, 81.2444, -18.5959



202.7960, -81.2444, 18.5959

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.



58.1130, -28.6497, -50.9651



59.2040, 81.2444, -18.5959



70.3040, -34.6599, 10.2574

Square

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



59.2040, 81.2444, -18.5959



58.3050, -28.7444, 119.8815



55.1780, -27.2028, -48.3911



81.5850, 46.0536, -71.5500

Rectangle

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



59.2040, 81.2444, -18.5959



72.5380, 11.5668, 117.0462



55.1780, -27.2028, -48.3911



65.7850, -4.3310, -57.6934

Sweetspot

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



59.2040, 81.2444, -18.5959



198.2960, 27.9551, -6.3986



168.3860, 27.4177, -114.3485



93.4460, 17.0351, -3.8991



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.



59.2040, 81.2444, -18.5959



29.0700, 111.3835, -25.4944



87.0110, 67.5356, 38.5784



102.2540, 4.8048, -1.0998



20.0640, 76.8764, -17.5961



5.4720, 20.9663, -4.7989

Inverse Universe

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



114.8180, 53.8267, 95.7526



105.3150, 73.7947, 131.2737



174.9890, -67.5356, -38.5784



105.5430, 3.1833, 5.6628



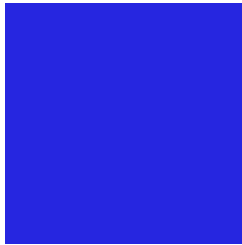
72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 59.2040, 81.2444, -18.5959 looks on a white background.

Color Contrast Check

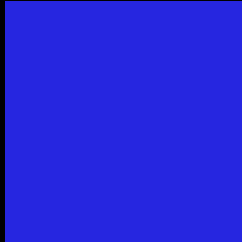
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.2040, 81.2444, -18.5959 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 59.2040, 81.2444, -18.5959

Background



This preview shows how black text looks on a background with the YUV color 59.2040, 81.2444, -18.5959.



This preview shows how white text looks on a background with the YUV color 59.2040, 81.2444, -18.5959.

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

59.2040, 81.2444, -18.5959

Protanopia

60.2930, 45.7046, -52.8770

Deuteranopia

60.6060, 34.2112, -53.1515



Tritanopia

59.3400, 14.1294, -52.0412

Trichromacy



Original Color

59.2040, 81.2444, -18.5959

Protanomaly

59.8120, 58.7597, -40.1771

Deuteranomaly

59.8630, 51.3395, -40.2219

Tritanomaly

59.1330, 38.3884, -39.5816

Monochromacy



Original Color

59.2040, 81.2444, -18.5959

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.7520, 29.7023, -6.7985

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.2040, 81.2444, -18.5959 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(38, 38, 224)` looks like.

```
.text, #text, p{  
    color:rgb(38, 38, 224)  
}
```

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(38, 38, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 38, 224) }
```

Border

The CSS property to change the border of an element to YUV 59.2040, 81.2444, -18.5959 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(38, 38, 224) }
```


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

```
.border{ border-color:rgb(38, 38, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 38, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 38, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 38, 224);  
box-shadow:4px 4px 4px 4px rgb(38, 38,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 59.2040, 81.2444, -18.5959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 38, 224) }
```

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

```
.background{ background-color: rgb(38, 38,  
224) }
```

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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