

Converting Colors

YUV(48.9940, 93.1800,
-20.1657)

Have a look what the booklet for
YUV(48.9940, 93.1800, -20.1657)
contains.

YUV(48.9940, 93.1800, -20.1657)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(48.9940, 93.1800,
-20.1657)**

Conversions

Conversions Part 1

Format	Color
Hex	1A18EE
RGB	26, 24, 238
RGB Percent	10%, 9%, 93%
CMY	0.8980, 0.9059, 0.0667
CMYK	0.89, 0.90, 0.00, 0.07
HSL	241°, 86%, 51%
HSV	241°, 90%, 93%
XYZ	16.1853, 7.0459, 81.3959
YIQ	48.9940, -67.5020, 66.9780

Conversions

Conversions Part 2

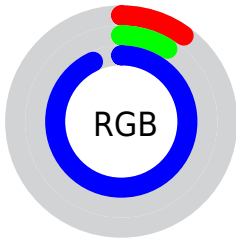
Format	Color
R_{YB}	26, 24, 238
Decimal	1710318
CIE _{Lab}	31.91, 70.62, -98.91
CIE _{LCh}	32, 121.535, 305.528
Y _{xy}	7.0459, 0.1547, 0.0673
Android (android.graphics.Color)	4279900398 (0xFF1A18EE)
Y _{UV}	48.9940, 93.1800, -20.1657
Hunter-Lab	26.5442, 62.3877, -163.2278

Details

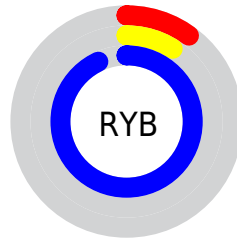
The YUV color **48.9940, 93.1800, -20.1657** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **213.0060, -93.1800, 20.1657**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.2090, 70.3960, 7.7097**, and **20.5200, 78.6236, -17.9960** is the 20% darker color. If you saturate the color by 10%, you get **27.7300, 103.6631, -22.5652**, and if you desaturate by 10%, it is **70.2580, 82.6968, -17.7663**.

Distribution



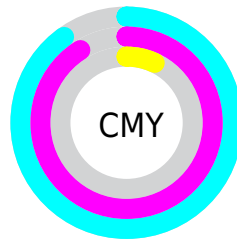
- Red (10%)
- Green (9%)
- Blue (93%)



- Red (10%)
- Yellow (9%)
- Blue (93%)



- Cyan (89%)
- Magenta (90%)
- Yellow (0%)
- Black (7%)



- Cyan (90%)
- Magenta (91%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.9940, 93.1800, -20.1657 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 48.9940, 93.1800, -20.1657 by changing the saturation by 10% instead.

■ 48.9940, 93.1800,
-20.1657

■ 48.9940, 93.1800,
-20.1657

■ 255.0000, 0.0000,
0.0000

■ 23.8260, 91.2908,
-20.8954

■ 112.2090, 70.3960,
7.7097

■ 20.5200, 78.6236,
-17.9960

■ 137.6370, 57.8600,
15.2274

■ 17.3280, 66.3933,
-15.1967

■ 163.3530, 45.1820,
21.6154

■ 14.2500, 54.5998,
-12.4972

■ 189.6560, 32.2146,
27.4887

■ 20.0910, 38.9021,
-17.6198

■ 215.6600, 19.3946,
32.7472

■ 13.7190, 29.7185,
-12.0316

■ 232.6940, 10.9969,

■ 8.0480, 20.6823,

19.5624

-7.0581

250.3040, 2.3151,
4.1184

4.3660, 11.6516,
-3.8290

0.0000, 0.0000,
0.0000

48.9940, 93.1800,
-20.1657

48.9940, 93.1800,
-20.1657

27.7300, 103.6631,
-22.5652

70.2580, 82.6968,
-17.7663

91.2230, 72.3611,
-15.9816

111.9000, 62.1673,
-13.0673

132.8650, 51.8316,
-11.2826

■ 154.1290, 41.3484,
-8.8831

■ 175.0940, 31.0127,
-7.0984

■ 196.3580, 20.5295,
-4.6990

■ 217.0350, 10.3357,
-1.7847

■ 238.0000, 0.0000,
0.0000

Harmonies

Analogous

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



81.9000, 85.3383, -71.8263



48.9940, 93.1800, -20.1657



75.0070, 40.4225, 101.7259

Triad

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



48.9940, 93.1800, -20.1657



57.4760, -28.3357, 82.0205



70.3620, 10.6675, -61.7075

Complementary

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



48.9940, 93.1800, -20.1657



213.0060, -93.1800, 20.1657

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



48.9940, 93.1800, -20.1657



69.3960, -34.2122, 6.6687

Square

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



48.9940, 93.1800, -20.1657



60.3980, -29.7762, 124.1850



55.7650, -27.4921, -48.9059



83.6540, 51.4426, -73.3646

Rectangle

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



48.9940, 93.1800, -20.1657



76.1970, 8.7769, 125.2382



55.7650, -27.4921, -48.9059



65.8990, -3.8942, -57.7934

Sweetspot

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



48.9940, 93.1800, -20.1657



194.1650, 29.9917, -6.2837



174.0140, 31.5451, -131.5623



91.6740, 17.9087, -4.0991



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.



48.9940, 93.1800, -20.1657



29.6680, 111.0887, -24.2648



80.3890, 77.7022, 44.3858



109.3680, 5.2416, -1.1997



21.5740, 80.0760, -17.1664



6.6830, 24.3133, -4.9840

Inverse Universe

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



112.1540, 61.0561, 110.3669



105.0870, 72.9211, 131.4737



181.6110, -77.7022, -44.3858



112.9560, 3.4727, 6.1776



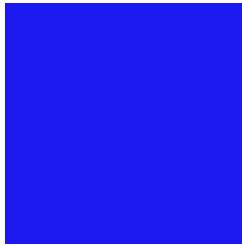
75.7640, 52.3743, 94.9230



23.1280, 16.2059, 28.8287

Previews

White Background



This preview shows how the YUV color 48.9940, 93.1800, -20.1657 looks on a white background.

Color Contrast Check

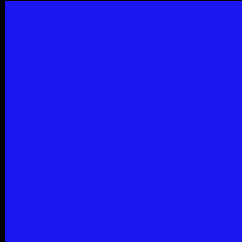
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9940, 93.1800, -20.1657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

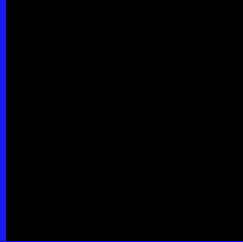
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.9940, 93.1800, -20.1657

Background



This preview shows how black text looks on a background with the YUV color 48.9940, 93.1800, -20.1657.



This preview shows how white text looks on a background with the YUV color 48.9940, 93.1800,

-20.1657.

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

48.9940, 93.1800, -20.1657

Protanopia

59.4780, 45.1203, -52.1622

Deuteranopia

59.7910, 33.6270, -52.4367



Tritanopia

58.6390, 13.9820, -51.4264

Trichromacy



Original Color

48.9940, 93.1800, -20.1657

Protanomaly

55.8380, 62.6909, -41.0769

Deuteranomaly

55.8890, 55.2707, -41.1217

Tritanomaly

55.2730, 42.7564, -40.5814

Monochromacy



Original Color

48.9940, 93.1800, -20.1657

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.1910, 33.9228, -7.1835

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.9940, 93.1800, -20.1657 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, 24, 238)` looks like.

```
.text, #text, p{  
    color:rgb(26, 24, 238)  
}
```

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, 24, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 24, 238) }
```

Border

The CSS property to change the border of an element to YUV 48.9940, 93.1800, -20.1657 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, 24, 238) }
```


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

```
.border{ border-color:rgb(26, 24, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 24, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 24, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 24, 238);  
box-shadow:4px 4px 4px 4px rgb(26, 24,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 48.9940, 93.1800, -20.1657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 24, 238) }
```

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

```
.background{ background-color: rgb(26, 24,  
238) }
```

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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