

Converting Colors

YUV(44.9020, -18.1927, 1.8399)

Have a look what the booklet for
YUV(44.9020, -18.1927, 1.8399)
contains.

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Color

**YUV(44.9020, -18.1927,
1.8399)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3308
RGB	47, 51, 8
RGB Percent	18%, 20%, 3%
CMY	0.8157, 0.8000, 0.9686
CMYK	0.08, 0.00, 0.84, 0.80
HSL	66°, 73%, 12%
HSV	66°, 84%, 20%
XYZ	2.3999, 2.9895, 0.6803
YIQ	44.9020, 11.4190, -14.2210

Conversions

Conversions Part 2

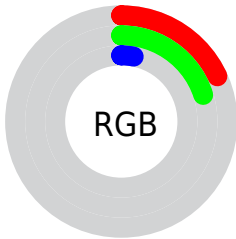
Format	Color
R_{YB}	8, 51, 12
Decimal	3093256
CIE Lab	20.00, -8.49, 24.76
CIE LCh	20, 26.172, 108.937
Yxy	2.9895, 0.3954, 0.4925
Android (android.graphics.Color)	4281283336 (0xFF2F3308)
YUV	44.9020, -18.1927, 1.8399
Hunter-Lab	17.2902, -5.4815, 9.7704

Details

The YUV color **44.9020, -18.1927, 1.8399** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **14.0980, 18.1927, -1.8399**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.0870, -18.7769, 2.5547**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **44.3320, -20.3767, 2.3398**, and if you desaturate by 10%, it is **45.4720, -16.0087, 1.3401**.

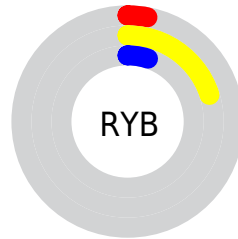
Distribution



Red (18%)

Green (20%)

Blue (3%)



Red (3%)

Yellow (20%)

Blue (5%)

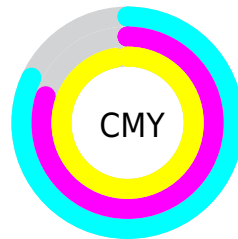


Cyan (8%)

Magenta (0%)

Yellow (84%)

Black (80%)



Cyan (82%)

Magenta (80%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.9020, -18.1927, 1.8399 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 44.9020, -18.1927, 1.8399 by changing the saturation by 10% instead.

■ 44.9020, -18.1927,
1.8399

■ 44.9020, -18.1927,
1.8399

■ 252.7200, -8.7360,
1.9996

■ 25.3840, -12.5143,
0.5402

■ 91.0870, -18.7769,
2.5547

■ 0.0000, 0.0000,
0.0000

■ 116.1580,
-19.7979, 3.3694

■ 142.0440,
-20.2347, 3.4694

■ 168.2290,
-20.8189, 4.1842

■ 195.7020,
-21.5451, 3.7693

■ 223.8870,

-22.1293, 4.4841

■ 249.4140,
-21.4031, 4.8989

■ 44.9020, -18.1927,
1.8399

■ 44.9020, -18.1927,
1.8399

■ 44.3320, -20.3767,
2.3398

■ 45.4720, -16.0087,
1.3401

■ 43.6910, -21.5397,
2.0250

■ 46.3410, -13.9721,
1.4549

■ 46.9110, -11.7881,
0.9551

■ 47.7800, -9.7515,
1.0699

■ 48.4640, -7.1308,
0.4701

■ 49.3330, -5.0942,
0.5850

■ 49.9030, -2.9102,
0.0851

■ 50.7720, -0.8736,
0.2000

■ 51.3420, 1.3104,
-0.2999

Harmonies

Analogous

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



46.6480, -19.5465, 16.0947



44.9020, -18.1927, 1.8399



41.9690, -9.8447, -15.7588

Triad

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



44.9020, -18.1927, 1.8399



41.6500, 17.4276, -36.5270



49.0880, 3.4076, 27.1098

Complementary

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



44.9020, -18.1927, 1.8399



14.0980, 18.1927, -1.8399

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.



50.1770, 11.7447, 12.9998



44.9020, -18.1927, 1.8399



40.3280, 22.5163, -35.3677

Square

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



44.9020, -18.1927, 1.8399



40.8860, 9.4232, -35.8570



47.4560, 18.5092, -10.0469



47.2320, -5.0444, 31.3685

Rectangle

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



44.9020, -18.1927, 1.8399



37.3350, -1.6442, -32.7428



47.4560, 18.5092, -10.0469



49.1630, 6.3286, 23.5360

Sweetspot

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



44.9020, -18.1927, 1.8399



63.8770, -6.8414, 0.9849



23.2050, -7.4961, 24.3762



31.5610, -4.2206, 0.3850



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



44.9020, -18.1927, 1.8399



56.6820, -27.9442, 2.9099



38.6230, -15.0971, -11.0704



25.3590, -1.1630, -0.3148



76.4620, -37.6958, 3.9798



186.2820, -91.8370, 9.3997

Inverse Universe

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



14.0980, 18.1927, -1.8399



9.3180, 27.9442, -2.9099



20.3770, 15.0971, 11.0704



23.3420, 1.3104, -0.2999



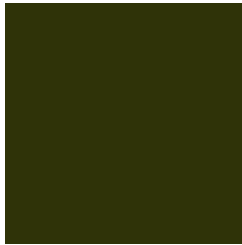
12.5380, 37.6958, -3.9798



30.7180, 91.8370, -9.3997

Previews

White Background



This preview shows how the YUV color 44.9020, -18.1927, 1.8399 looks on a white background.

Color Contrast Check

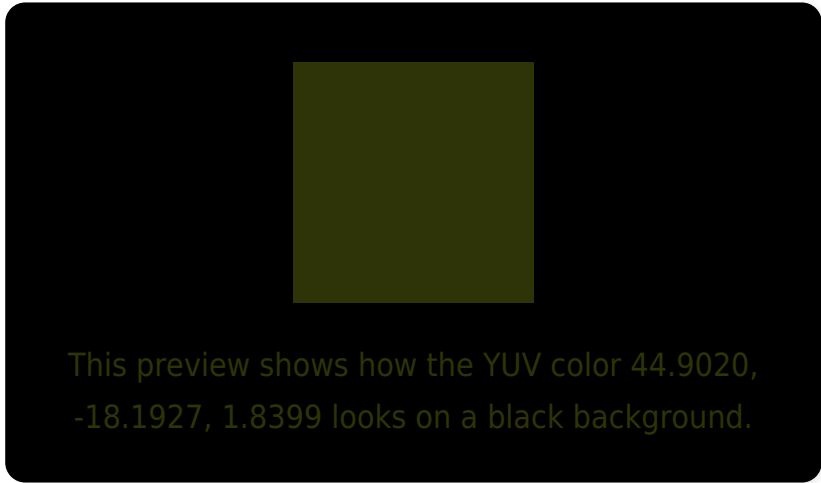
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

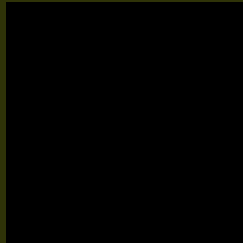
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

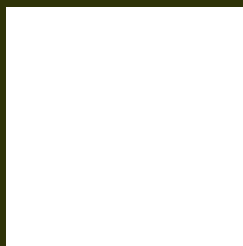
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 44.9020, -18.1927, 1.8399

Background



This preview shows how black text looks on a background with the YUV color 44.9020, -18.1927, 1.8399.



This preview shows how white text looks on a background with the YUV color 44.9020, -18.1927,

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

44.9020, -18.1927, 1.8399

Protanopia

46.0060, -19.2300, 7.8877

Deuteranopia

46.4950, -17.4990, 12.7209



Tritanopia

48.6520, 1.1576, 2.0592

Trichromacy



Original Color

44.9020, -18.1927, 1.8399

Protanomaly

45.6960, -19.0771, 5.5286

Deuteranomaly

46.0600, -17.7776, 8.7174

Tritanomaly

47.1160, -5.9732, 2.5293

Monochromacy



Original Color

44.9020, -18.1927, 1.8399

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

44.9910, -6.4046, 0.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.9020, -18.1927, 1.8399 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(47, 51, 8)` looks like.

```
.text, #text, p{  
    color:rgb(47, 51, 8)  
}
```

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(47, 51, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 51, 8) }
```

Border

The CSS property to change the border of an element to YUV 44.9020, -18.1927, 1.8399 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(47, 51, 8) }
```


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

```
.border{ border-color:rgb(47, 51, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 51, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 51, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(47, 51, 8); box-shadow:4px  
4px 4px 4px rgb(47, 51, 8) }
```

Background

The CSS property to change the background color of an element to YUV 44.9020, -18.1927, 1.8399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 51, 8) }
```

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

```
.background{ background-color: rgb(47, 51,  
8) }
```

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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