

Converting Colors

YUV(64.3800, -19.9073, -8.2263)

Have a look what the booklet for
YUV(64.3800, -19.9073, -8.2263)
contains.

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Color

**YUV(64.3800, -19.9073,
-8.2263)**

Conversions

Conversions Part 1

Format	Color
Hex	374D18
RGB	55, 77, 24
RGB Percent	22%, 30%, 9%
CMY	0.7843, 0.6980, 0.9059
CMYK	0.29, 0.00, 0.69, 0.70
HSL	85°, 52%, 20%
HSV	85°, 69%, 30%
XYZ	4.3943, 6.1859, 1.8266
YIQ	64.3800, 3.9010, -21.1470

Conversions

Conversions Part 2

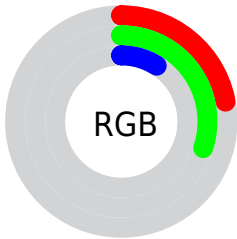
Format	Color
RYB	24, 77, 46
Decimal	3624216
CIELab	29.88, -18.29, 27.90
CIELCh	30, 33.361, 123.248
Yxy	6.1859, 0.3542, 0.4986
Android (android.graphics.Color)	4281814296 (0xFF374D18)
YUV	64.3800, -19.9073, -8.2263
Hunter-Lab	24.8715, -11.9878, 13.0558

Details

The YUV color **64.3800, -19.9073, -8.2263** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **36.6200, 19.9073, 8.2263**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.0380, -21.2177, -7.9263**, and **21.4640, -10.5818, -12.6849** is the 20% darker color. If you saturate the color by 10%, you get **62.5710, -22.9595, -9.2708**, and if you desaturate by 10%, it is **66.1890, -16.8552, -7.1818**.

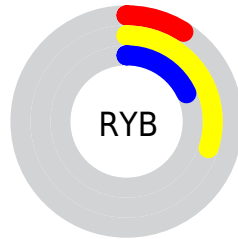
Distribution



Red (22%)

Green (30%)

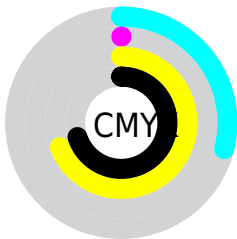
Blue (9%)



Red (9%)

Yellow (30%)

Blue (18%)

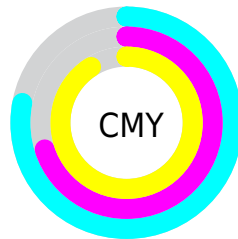


Cyan (29%)

Magenta (0%)

Yellow (69%)

Black (70%)



Cyan (78%)

Magenta (70%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.3800, -19.9073, -8.2263 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 64.3800, -19.9073, -8.2263 by changing the saturation by 10% instead.

■ 64.3800, -19.9073,
-8.2263

■ 64.3800, -19.9073,
-8.2263

255.0000, 0.0000,
0.0000

■ 41.2660, -20.3441,
-8.1263

■ 113.0380,
-21.2177, -7.9263

■ 21.4640, -10.5818,
-12.6849

■ 138.5110,
-21.9439, -8.3411

■ 0.0000, 0.0000,
0.0000


■ 165.2830,
-22.8175, -8.1412


■ 192.1690,
-23.2543, -8.0412


■ 220.6420,
-23.9805, -8.4560


■ 244.2450,


-21.8128, -3.7229


 251.9220,
-11.7935, 2.6994


 64.3800, -19.9073,
-8.2263


 64.3800, -19.9073,
-8.2263


 62.5710, -22.9595,
-9.2708

 66.1890, -16.8552,
-7.1818


 60.8760, -25.5749,
-10.4153


 67.8840, -14.2398,
-6.0373

 58.7680, -28.4796,
-12.0745

 69.9920, -11.3351,
-4.3780

 58.6540, -28.9164,
-11.9746

 71.8010, -8.2829,
-3.3335

 73.4960, -5.6675,
-2.1890

■ 75.3050, -2.6154,
-1.1445

■ 77.1140, 0.4368,
-0.1000

■ 79.2220, 3.3416,
1.5593

■ 80.9170, 5.9569,
2.7038

Harmonies

Analogous

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



67.2040, -26.2296, 12.9761



64.3800, -19.9073, -8.2263



56.3790, -5.1168, -38.9204

Triad

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



64.3800, -19.9073, -8.2263



59.5970, 27.8067, -52.2666



69.8510, -0.4195, 41.3497

Complementary

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



64.3800, -19.9073, -8.2263



36.6200, 19.9073, 8.2263

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.



72.3360, 10.6804, 27.7693



64.3800, -19.9073, -8.2263



60.3580, 30.3895, -40.6560

Square

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



64.3800, -19.9073, -8.2263



59.3060, 19.0761, -52.0114



71.8150, 20.7972, 2.7932



69.2240, -12.9284, 40.1456

Rectangle

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



64.3800, -19.9073, -8.2263



55.9030, 3.4988, -49.0269



71.8150, 20.7972, 2.7932



70.4530, 3.2277, 38.1907

Sweetspot

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



64.3800, -19.9073, -8.2263



94.3280, -7.5567, -2.9187



52.1740, -13.8898, 21.7724



48.0230, -4.9413, -1.7742



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



64.3800, -19.9073, -8.2263



79.4860, -30.8056, -12.7042



56.6060, -16.0748, -24.2105



37.2450, -1.5998, -0.2149



77.8140, -38.3623, -15.6229



175.0760, -86.3125, -36.0237

Inverse Universe

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



36.6200, 19.9073, 8.2263



36.5140, 30.8056, 12.7042



44.3940, 16.0748, 24.2105



35.0540, 1.4524, 0.8296



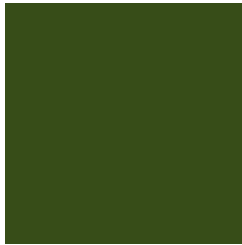
24.1860, 38.3623, 15.6229



54.6250, 86.4599, 35.4089

Previews

White Background



This preview shows how the YUV color 64.3800, -19.9073, -8.2263 looks on a white background.

Color Contrast Check

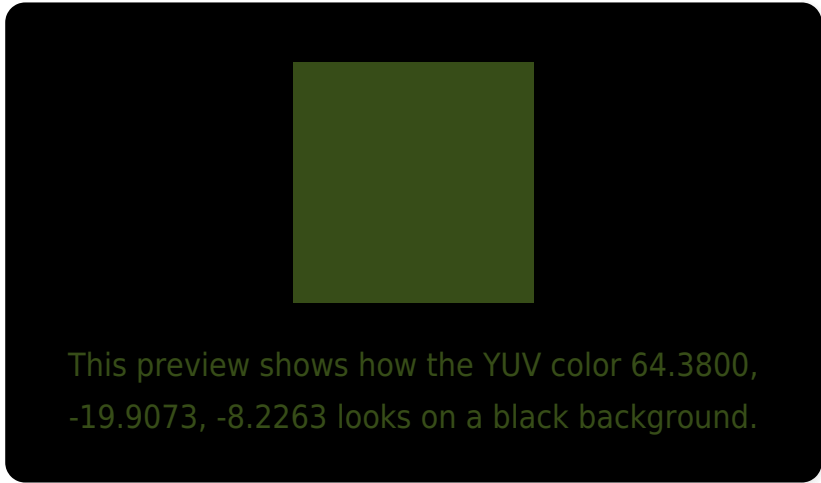
Large Text (above 18pt) WCAG AA ✓ Pass

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

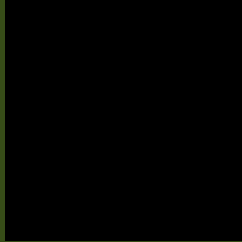
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.3800, -19.9073, -8.2263

Background



This preview shows how black text looks on a background with the YUV color 64.3800, -19.9073, -8.2263.



This preview shows how white text looks on a background with the YUV color 64.3800, -19.9073,

-8.2263.

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

64.3800, -19.9073, -8.2263

Protanopia

67.2190, -22.2930, 10.3319

Deuteranopia

68.5340, -19.9833, 16.1947



Tritanopia

69.6940, 4.0949, -6.7476

Trichromacy



Original Color

64.3800, -19.9073, -8.2263

Protanomaly

66.4030, -21.3977, 3.1546

Deuteranomaly

67.1800, -19.8087, 6.8581

Tritanomaly

67.6910, -4.7777, -7.6220

Monochromacy



Original Color

64.3800, -19.9073, -8.2263

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.3280, -7.5567, -2.9187

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.3800, -19.9073, -8.2263 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(55, 77, 24)` looks like.

```
.text, #text, p{  
    color:rgb(55, 77, 24)  
}
```

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(55, 77, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 77, 24) }
```

Border

The CSS property to change the border of an element to YUV 64.3800, -19.9073, -8.2263 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(55, 77, 24) }
```


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

```
.border{ border-color:rgb(55, 77, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 77, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 77, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 77, 24);  
box-shadow:4px 4px 4px 4px rgb(55, 77, 24)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.3800, -19.9073, -8.2263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 77, 24) }
```

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

```
.background{ background-color: rgb(55, 77,  
24) }
```

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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