

Converting Colors

YUV(73.1980, 13.2134, 8.5964)

Have a look what the booklet for
YUV(73.1980, 13.2134, 8.5964)
contains.

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Color

**YUV(73.1980, 13.2134,
8.5964)**

Conversions

Conversions Part 1

Format	Color
Hex	533F64
RGB	83, 63, 100
RGB Percent	33%, 25%, 39%
CMY	0.6745, 0.7529, 0.6078
CMYK	0.17, 0.37, 0.00, 0.61
HSL	272°, 23%, 32%
HSV	272°, 37%, 39%
XYZ	7.6450, 6.3141, 12.8724
YIQ	73.1980, 0.0430, 15.7470

Conversions

Conversions Part 2

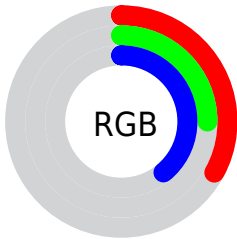
Format	Color
R_{YB}	83, 63, 100
Decimal	5455716
CIE _{Lab}	30.19, 16.73, -18.52
CIE _{LCh}	30, 24.957, 312.098
Yxy	6.3141, 0.2849, 0.2353
Android (android.graphics.Color)	4283645796 (0xFF533F64)
YUV	73.1980, 13.2134, 8.5964
Hunter-Lab	25.1279, 10.3339, -12.7833




Details

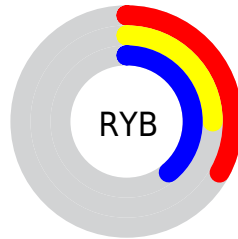
The YUV color **73.1980, 13.2134, 8.5964** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **89.8020, -13.2134, -8.5964**, and the grayscale version is **73.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **122.1380, 14.2290, 9.5260**, and **28.8450, 11.9084, 7.1519** is the 20% darker color. If you saturate the color by 10%, you get **65.8330, 16.8443, 10.6705**, and if you desaturate by 10%, it is **80.5630, 9.5824, 6.5222**.

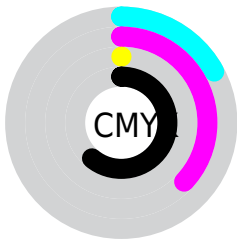
Distribution







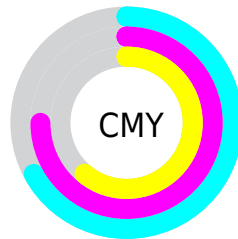
-  Red (33%)
-  Green (25%)
-  Blue (39%)






-  Red (33%)
-  Yellow (25%)
-  Blue (39%)



-  Cyan (17%)
-  Magenta (37%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (67%)
-  Magenta (75%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.1980, 13.2134, 8.5964 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 73.1980, 13.2134, 8.5964 by changing the saturation by 10% instead.

73.1980, 13.2134,
8.5964

73.1980, 13.2134,
8.5964

255.0000, 0.0000,
0.0000

50.3720, 12.6346,
7.5668

122.1380, 14.2290,
9.5260

28.8450, 11.9084,
7.1519

147.6650, 14.9552,
9.9408

9.6280, 11.0294,
9.0962

174.9640, 14.8077,
10.5556

0.4560, 1.7472,
-0.3999

202.1920, 15.6813,
10.3556

0.0000, 0.0000,
0.0000

229.6930, 12.4764,
11.6702

249.7170, 2.6045,

4.6332

■ 73.1980, 13.2134,
8.5964

■ 73.1980, 13.2134,
8.5964

■ 65.8330, 16.8443,
10.6705

■ 80.5630, 9.5824,
6.5222

■ 58.7670, 20.3279,
13.3593

■ 87.6290, 6.0989,
3.8334

■ 51.4020, 23.9588,
15.4334

■ 94.9940, 2.4680,
1.7593

■ 44.3360, 27.4424,
18.1223

■ 102.0600, -1.0156,
-0.9296

■ 36.9710, 31.0733,
20.1964

■ 109.4250, -4.6465,
-3.0037

■ 29.6060, 34.7042,
22.2705

■ 116.7900, -8.2775,
-5.0778

■ 27.5460, 35.7198,
23.2002

■ 123.8560,
-11.7610, -7.7667

■ 131.2210,
-15.3920, -9.8408

■ 138.2870,
-18.8755, -12.5297

Harmonies

Analogous

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



69.6620, 19.3936, -13.7356



73.1980, 13.2134, 8.5964



73.1200, 4.8708, 24.4508

Triad

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



73.1980, 13.2134, 8.5964



70.4250, -17.9575, 19.7983



56.5530, 11.0664, -49.5970

Complementary

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



73.1980, 13.2134, 8.5964



89.8020, -13.2134, -8.5964

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.



61.4600, -1.2128, -31.0984



73.1980, 13.2134, 8.5964



68.3370, -17.9141, 5.8435

Square

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



73.1980, 13.2134, 8.5964



71.2720, -12.4591, 29.5795



66.0190, -12.3344, -10.5407



58.0180, 19.2181, -50.8818

Rectangle

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



73.1980, 13.2134, 8.5964



72.2580, -1.1132, 30.4687



66.0190, -12.3344, -10.5407



55.7550, 8.0088, -48.8971

Sweetspot

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



73.1980, 13.2134, 8.5964



119.6890, 5.0833, 2.9037



77.1970, 11.2419, -12.4508



60.1080, 2.9048, 1.6593



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



73.1980, 13.2134, 8.5964



88.7670, 20.3279, 13.3593



78.1670, 10.2707, 19.1475



47.4670, 1.7418, 1.3444



31.6480, 41.0925, 26.6187



66.7570, 86.3948, 56.3411

Inverse Universe

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



76.0010, 1.9715, 21.0471



93.0070, 2.9545, 32.4429



84.8330, -10.2707, -19.1475



47.7230, 0.1366, 2.8739



40.4270, 6.1985, 65.4005



85.0120, 12.8121, 137.6785

Previews

White Background



This preview shows how the YUV color 73.1980, 13.2134, 8.5964 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 73.1980, 13.2134, 8.5964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

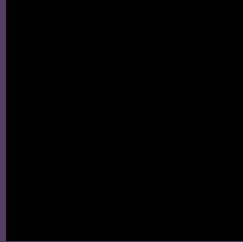
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.1980, 13.2134, 8.5964

Background



This preview shows how black text looks on a background with the YUV color 73.1980, 13.2134, 8.5964.



This preview shows how white text looks on a background with the YUV color 73.1980, 13.2134,

8.5964.

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

73.1980, 13.2134, 8.5964

Protanopia

70.8150, 17.3462, -10.3618

Deuteranopia

70.9140, 13.8464, -7.8176



Tritanopia

71.9730, 0.9993, 6.1627

Trichromacy



Original Color

73.1980, 13.2134, 8.5964

Protanomaly

71.5170, 16.0141, -3.0844

Deuteranomaly

71.5450, 13.5353, -1.3550

Tritanomaly

72.1240, 5.3619, 6.9073

Monochromacy



Original Color

73.1980, 13.2134, 8.5964

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9880, 4.9359, 3.5185

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.1980, 13.2134, 8.5964 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(83, 63, 100)` looks like.

```
.text, #text, p{  
    color:rgb(83, 63, 100)  
}
```

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(83, 63, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 63, 100) }
```

Border

The CSS property to change the border of an element to YUV 73.1980, 13.2134, 8.5964 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(83, 63, 100) }
```


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

```
.border{ border-color:rgb(83, 63, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 63, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 63, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 63, 100);  
box-shadow:4px 4px 4px 4px rgb(83, 63,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 73.1980, 13.2134, 8.5964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 63, 100) }
```

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

```
.background{ background-color: rgb(83, 63,  
100) }
```

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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