

Converting Colors

YUV(64.2680, 23.5319,
-34.4380)

Have a look what the booklet for
YUV(64.2680, 23.5319, -34.4380)
contains.

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Color

**YUV(64.2680, 23.5319,
-34.4380)**

Conversions

Conversions Part 1

Format	Color
Hex	194B70
RGB	25, 75, 112
RGB Percent	10%, 29%, 44%
CMY	0.9020, 0.7059, 0.5608
CMYK	0.78, 0.33, 0.00, 0.56
HSL	206°, 64%, 27%
HSV	206°, 78%, 44%
XYZ	5.8416, 6.4087, 16.2583
YIQ	64.2680, -41.6770, 0.9070

Conversions

Conversions Part 2

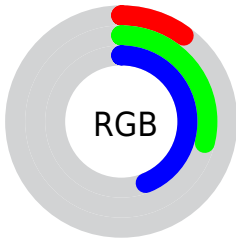
Format	Color
R _Y B	25, 57, 112
Decimal	1657712
CIE Lab	30.42, -2.77, -26.07
CIE LCh	30, 26.216, 263.931
Yxy	6.4087, 0.2049, 0.2248
Android (android.graphics.Color)	4279847792 (0xFF194B70)
YUV	64.2680, 23.5319, -34.4380
Hunter-Lab	25.3154, -3.1124, -20.3572




Details

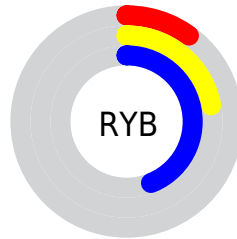
The YUV color **64.2680, 23.5319, -34.4380** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **72.7320, -23.5319, 34.4380**, and the grayscale version is **64.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **116.0020, 23.6630, -29.8198**, and **26.0800, 18.6946, -22.8722** is the 20% darker color. If you saturate the color by 10%, you get **58.0440, 26.6003, -38.6266**, and if you desaturate by 10%, it is **70.4920, 20.4634, -30.2495**.

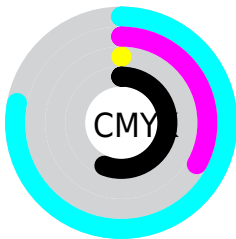
Distribution







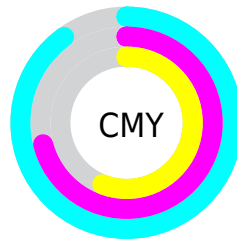
-  Red (10%)
-  Green (29%)
-  Blue (44%)






-  Red (10%)
-  Yellow (22%)
-  Blue (44%)



-  Cyan (78%)
-  Magenta (33%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (90%)
-  Magenta (71%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.2680, 23.5319, -34.4380 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 64.2680, 23.5319, -34.4380 by changing the saturation by 10% instead.

■ 64.2680, 23.5319,
-34.4380

■ 64.2680, 23.5319,
-34.4380

■ 255.0000, 0.0000,
0.0000

■ 41.0290, 22.6637,
-35.9824

■ 116.0020, 23.6630,
-29.8198

■ 26.0800, 18.6946,
-22.8722

■ 141.8280, 24.2418,
-28.7902

■ 8.3100, 16.6092,
-7.2879

■ 168.9420, 24.6786,
-28.8901

■ 2.8670, 8.4466,
-2.5144

■ 196.1700, 25.5522,
-29.0901

■ 0.0000, 0.0000,
0.0000

■ 221.7760, 16.3794,
-26.9906

■ 244.5350, 5.1592,

-21.5172

253.2060, 0.8844,
-3.6887

64.2680, 23.5319,
-34.4380

64.2680, 23.5319,
-34.4380

58.0440, 26.6003,
-38.6266

70.4920, 20.4634,
-30.2495

51.8200, 29.6687,
-42.8151

76.7160, 17.3950,
-26.0609

50.3360, 30.4004,
-44.1447

82.6520, 14.4686,
-20.7428

88.8760, 11.4001,
-16.5543

95.1000, 8.3317,
-12.3657

■ 101.3240, 5.2633,
-8.1771

■ 106.9610, 2.4842,
-3.4738

■ 113.4840, -0.7316,
1.3295

■ 119.7080, -3.8000,
5.5181

Harmonies

Analogous

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



58.8160, 22.2757, -51.5816



64.2680, 23.5319, -34.4380



72.3750, 18.0561, -4.7139

Triad

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



64.2680, 23.5319, -34.4380



72.1460, -7.9600, 33.1980



65.1750, -8.9603, -19.4475

Complementary

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



64.2680, 23.5319, -34.4380



72.7320, -23.5319, 34.4380

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.



68.1190, -17.3137, -0.1044



64.2680, 23.5319, -34.4380



71.6370, -16.0900, 27.5054

Square

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



64.2680, 23.5319, -34.4380



73.0560, 1.9444, 29.7689



70.2350, -19.8359, 15.5799



55.7720, 5.5354, -48.9120

Rectangle

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



64.2680, 23.5319, -34.4380



74.2090, 13.2080, 10.3407



70.2350, -19.8359, 15.5799



66.0080, -12.3289, -12.2850

Sweetspot

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



64.2680, 23.5319, -34.4380



126.9150, 8.9159, -13.0805



80.1730, -9.4523, -48.3867



62.4380, 5.7001, -8.2771



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



64.2680, 23.5319, -34.4380



71.1760, 36.3952, -53.6514



39.0270, 35.9757, -12.3017



53.0320, 1.4632, -2.6591



54.1830, 32.4478, -47.5185



111.5120, 66.7956, -97.7960

Inverse Universe

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



56.7130, 9.0155, 48.4867



59.2570, 14.1703, 75.1966



97.9730, -35.9757, 12.3017



52.2500, 0.8628, 3.2888



43.7460, 12.4502, 66.8748



90.0410, 25.6158, 137.6530

Previews

White Background



This preview shows how the YUV color 64.2680, 23.5319, -34.4380 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 64.2680, 23.5319, -34.4380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

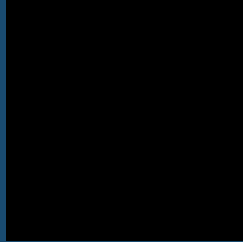
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.2680, 23.5319, -34.4380

Background



This preview shows how black text looks on a background with the YUV color 64.2680, 23.5319, -34.4380.



This preview shows how white text looks on a background with the YUV color 64.2680, 23.5319,

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

64.2680, 23.5319, -34.4380

Protanopia

70.7440, 18.3672, -11.1765

Deuteranopia

69.7970, 21.2991, -18.2390



Tritanopia

56.1770, 14.7027, -49.2672

Trichromacy



Original Color

64.2680, 23.5319, -34.4380

Protanomaly

68.4440, 19.9941, -19.6834

Deuteranomaly

67.6930, 22.3364, -24.2868

Tritanomaly

59.3070, 17.5966, -44.1192

Monochromacy



Original Color

64.2680, 23.5319, -34.4380

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.1000, 8.3317, -12.3657

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.2680, 23.5319, -34.4380 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(25, 75, 112)` looks like.

```
.text, #text, p{  
    color:rgb(25, 75, 112)  
}
```

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(25, 75, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 75, 112) }
```

Border

The CSS property to change the border of an element to YUV 64.2680, 23.5319, -34.4380 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(25, 75, 112) }
```


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

```
.border{ border-color:rgb(25, 75, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 75, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 75, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 75, 112);  
box-shadow:4px 4px 4px 4px rgb(25, 75,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 64.2680, 23.5319, -34.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 75, 112) }
```

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

```
.background{ background-color: rgb(25, 75,  
112) }
```

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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