

Converting Colors

YUV(132.3940, 19.0328,
-38.0565)

Have a look what the booklet for
YUV(132.3940, 19.0328, -38.0565)
contains.

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Color

**YUV(132.3940, 19.0328,
-38.0565)**

Conversions

Conversions Part 1

Format	Color
Hex	5993AB
RGB	89, 147, 171
RGB Percent	35%, 58%, 67%
CMY	0.6510, 0.4235, 0.3294
CMYK	0.48, 0.14, 0.00, 0.33
HSL	198°, 33%, 51%
HSV	198°, 48%, 67%
XYZ	21.9042, 25.9316, 42.3789
YIQ	132.3940, -42.2720, -4.8320

Conversions

Conversions Part 2

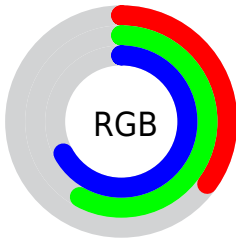
Format	Color
R_{YB}	89, 123, 171
Decimal	5870507
CIE _{Lab}	57.97, -12.30, -18.49
CIE _{LCh}	58, 22.203, 236.371
Yxy	25.9316, 0.2428, 0.2874
Android (android.graphics.Color)	4284060587 (0xFF5993AB)
YUV	132.3940, 19.0328, -38.0565
Hunter-Lab	50.9230, -12.3347, -13.6959

Details

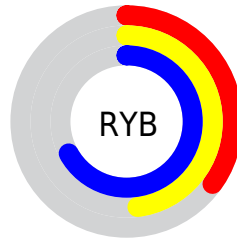
The YUV color $132.3940, 19.0328, -38.0565$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $127.6060, -19.0328, 38.0565$, and the grayscale version is $132.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.5080, 19.4696, -38.1565$, and $79.4860, 19.4804, -41.6452$ is the 20% darker color. If you saturate the color by 10%, you get $124.3760, 22.9856, -45.9338$, and if you desaturate by 10%, it is $140.4120, 15.0799, -30.1793$.

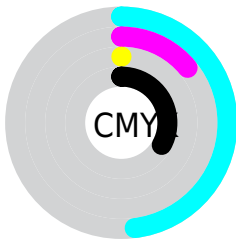
Distribution



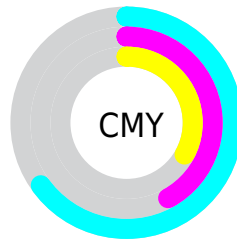
- Red (35%)
- Green (58%)
- Blue (67%)



- Red (35%)
- Yellow (48%)
- Blue (67%)



- Cyan (48%)
- Magenta (14%)
- Yellow (0%)
- Black (33%)



- Cyan (65%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.3940, 19.0328, -38.0565 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 132.3940, 19.0328, -38.0565 by changing the saturation by 10% instead.

■ 132.3940, 19.0328,
-38.0565

■ 132.3940, 19.0328,
-38.0565

■ 255.0000, 0.0000,
0.0000

■ 105.9810, 18.7434,
-38.5713

■ 186.5080, 19.4696,
-38.1565

■ 79.4860, 19.4804,
-41.6452

■ 214.6220, 19.9064,
-38.2565

■ 53.5670, 19.9335,
-46.9783

■ 238.5550, 8.1074,
-33.8127

■ 37.3300, 16.1063,
-32.7384

■ 247.2260, 3.8326,
-15.9842

■ 22.4950, 12.5740,
-19.7281

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 132.3940, 19.0328,
-38.0565

■ 132.3940, 19.0328,
-38.0565

■ 124.3760, 22.9856,
-45.9338

■ 140.4120, 15.0799,
-30.1793

■ 116.3580, 26.9385,
-53.8110

■ 148.4300, 11.1270,
-22.3021

■ 108.3400, 30.8914,
-61.6882

■ 156.4480, 7.1741,
-14.4249

■ 100.3220, 34.8443,
-69.5654

■ 164.4660, 3.2213,
-6.5477

■ 92.3040, 38.7971,
-77.4426

■ 172.4840, -0.7316,
1.3295

■ 90.5210, 39.6761,
-79.3869

■ 180.8010, -4.8319,
9.8215

■ 188.8190, -8.7848,
17.6987

■ 196.8370,
-12.7376, 25.5760

■ 204.8550,
-16.6905, 33.4532

Harmonies

Analogous

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



130.3520, 12.6445, -42.4047



132.3940, 19.0328, -38.0565



137.1340, 20.1469, -22.0425

Triad

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



132.3940, 19.0328, -38.0565



142.1870, -0.0922, 29.6540



136.1620, -15.8559, -1.0191

Complementary

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



132.3940, 19.0328, -38.0565



127.6060, -19.0328, 38.0565

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.



138.5770, -18.5255, 15.2800



132.3940, 19.0328, -38.0565



141.5050, -9.1230, 32.8831

Square

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



132.3940, 19.0328, -38.0565



142.5150, 9.1131, 17.0883



140.3380, -15.9426, 26.8906



134.0010, -8.3815, -18.4179

Rectangle

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



132.3940, 19.0328, -38.0565



139.3530, 18.0670, -8.2026



140.3380, -15.9426, 26.8906



137.1520, -17.3299, 5.1287

Sweetspot

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



132.3940, 19.0328, -38.0565



207.4480, 7.1741, -14.4249



139.7560, -13.6837, -44.5130



103.3840, 4.2477, -9.1068



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



132.3940, 19.0328, -38.0565



161.1230, 30.0124, -59.7439



108.9140, 30.6084, -17.4646



82.5480, 2.1948, -3.9886



79.3220, 34.8443, -69.5654



12.0140, 5.4161, -10.5363

Inverse Universe

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



120.1300, 13.2469, 44.6130



141.9450, 20.7331, 70.2082



151.0860, -30.6084, 17.4646



81.3750, 1.2941, 4.9331



56.9340, 24.1895, 81.6189



8.7010, 3.5984, 12.5402

Previews

White Background



This preview shows how the YUV color 132.3940, 19.0328, -38.0565 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 132.3940, 19.0328, -38.0565 looks on a black 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 × Fail

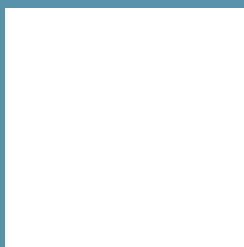
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 132.3940, 19.0328, -38.0565

Background



This preview shows how black text looks on a background with the YUV color 132.3940, 19.0328, -38.0565.



This preview shows how white text looks on a background with the YUV color 132.3940, 19.0328, -38.0565.

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

132.3940, 19.0328, -38.0565

Protanopia

138.8820, 12.3832, -5.1585

Deuteranopia

139.6200, 16.4563, -4.9287



Tritanopia

131.5310, 14.5282, -39.9307

Trichromacy



Original Color

132.3940, 19.0328, -38.0565

Protanomaly

136.7880, 14.8945, -17.3541

Deuteranomaly

137.0700, 17.2205, -16.7244

Tritanomaly

131.6990, 16.4174, -39.2010

Monochromacy



Original Color

132.3940, 19.0328, -38.0565

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.7470, 7.0267, -13.8101

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.3940, 19.0328, -38.0565 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(89, 147, 171)` looks like.

```
.text, #text, p{  
    color:rgb(89, 147, 171)  
}
```

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(89, 147, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 147, 171) }
```

Border

The CSS property to change the border of an element to YUV 132.3940, 19.0328, -38.0565 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(89, 147, 171) }
```


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

```
.border{ border-color:rgb(89, 147, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 147, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 147, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 147, 171);  
box-shadow:4px 4px 4px 4px rgb(89, 147,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 132.3940, 19.0328, -38.0565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 147, 171) }
```

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

```
.background{ background-color: rgb(89, 147,  
171) }
```

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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