

Converting Colors

YUV(93.2870, 1.3375, -9.0217)

Have a look what the booklet for
YUV(93.2870, 1.3375, -9.0217)
contains.

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Color

**YUV(93.2870, 1.3375,
-9.0217)**

Conversions

Conversions Part 1

Format	Color
Hex	536260
RGB	83, 98, 96
RGB Percent	33%, 38%, 38%
CMY	0.6745, 0.6157, 0.6235
CMYK	0.15, 0.00, 0.02, 0.62
HSL	172°, 8%, 35%
HSV	172°, 15%, 38%
XYZ	10.0463, 11.4189, 12.7409
YIQ	93.2870, -8.2980, -3.8020

Conversions

Conversions Part 2

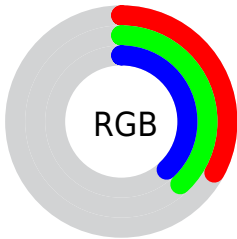
Format	Color
R_{YB}	83, 91, 98
Decimal	5464672
CIE _{Lab}	40.28, -6.17, -0.79
CIE _{LCh}	40, 6.219, 187.334
Yxy	11.4189, 0.2937, 0.3338
Android (android.graphics.Color)	4283654752 (0xFF536260)
YUV	93.2870, 1.3375, -9.0217
Hunter-Lab	33.7919, -6.0679, 1.2996

Details

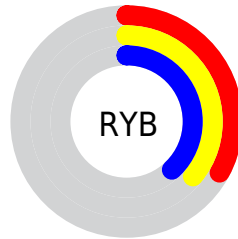
The YUV color **93.2870, 1.3375, -9.0217** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **87.7130, -1.3375, 9.0217**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.8740, 1.0481, -9.5365**, and **47.5860, 1.1901, -8.4069** is the 20% darker color. If you saturate the color by 10%, you get **90.1830, 2.3748, -15.0695**, and if you desaturate by 10%, it is **96.3910, 0.3002, -2.9739**.

Distribution



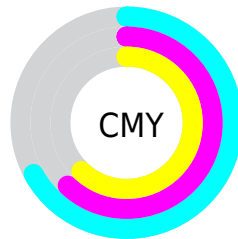
- Red (33%)
- Green (38%)
- Blue (38%)



- Red (33%)
- Yellow (36%)
- Blue (38%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (62%)



- Cyan (67%)
- Magenta (62%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.2870, 1.3375, -9.0217 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 93.2870, 1.3375, -9.0217 by changing the saturation by 10% instead.

■ 93.2870, 1.3375,
-9.0217

■ 93.2870, 1.3375,
-9.0217

■ 255.0000, 0.0000,
0.0000

■ 69.5860, 1.1901,
-8.4069

■ 143.8740, 1.0481,
-9.5365

■ 47.5860, 1.1901,
-8.4069

■ 169.9880, 1.4849,
-9.6365

■ 25.9990, 1.4795,
-7.8921

■ 197.5750, 1.1955,
-10.1513

■ 1.5160, 0.7316,
-1.3295

■ 225.5750, 1.1955,
-10.1513

■ 0.0000, 0.0000,
0.0000

■ 251.1130, 1.9163,
-7.9921

■ 93.2870, 1.3375,
-9.0217

■ 93.2870, 1.3375,
-9.0217

■ 90.1830, 2.3748,
-15.0695

■ 96.3910, 0.3002,
-2.9739

■ 86.9650, 2.9753,
-21.0173

■ 99.6090, -0.3002,
2.9739

■ 84.1600, 3.8651,
-26.4503

■ 102.4140, -1.1901,
8.4069

■ 81.0560, 4.9024,
-32.4981

■ 105.5180, -2.2274,
14.4547

■ 77.8380, 5.5029,
-38.4459

■ 108.7360, -2.8278,
20.4025

■ 74.7340, 6.5401,
-44.4937

■ 111.8400, -3.8651,
26.4503

■ 71.6300, 7.5774,
-50.5415

■ 114.9440, -4.9024,
32.4981

■ 68.8250, 8.4673,

■ 117.7490, -5.7923,

-55.9745

37.9311

■ 67.2160, 8.7675,
-58.9484

■ 120.9670, -6.3927,
43.8789

Harmonies

Analogous

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



93.9130, -1.4361, -6.0627



93.2870, 1.3375, -9.0217



93.8570, 3.5215, -9.5216

Triad

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



93.2870, 1.3375, -9.0217



95.6350, 3.6309, 2.0741



95.1920, -4.5317, 6.8476

Complementary

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



93.2870, 1.3375, -9.0217



87.7130, -1.3375, 9.0217

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.



95.8440, -3.3741, 8.9068



93.2870, 1.3375, -9.0217



96.0870, 1.4361, 6.0627

Square

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



93.2870, 1.3375, -9.0217



94.9440, 4.9576, -3.4589



96.4140, -1.1901, 8.4069



94.7570, -4.8102, 2.8441

Rectangle

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



93.2870, 1.3375, -9.0217



93.7970, 4.5371, -8.5920



96.4140, -1.1901, 8.4069



95.6050, -4.2423, 7.3624

Sweetspot

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



93.2870, 1.3375, -9.0217



125.7930, 0.5951, -4.2035



92.4030, -4.6357, -6.4924



62.6900, 0.1528, -2.3591



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



93.2870, 1.3375, -9.0217



120.6670, 1.6432, -13.7400



90.5800, 3.6581, -6.6477



46.8040, 0.5896, -2.4591



76.8020, 9.9576, -67.3554



164.5920, 21.4001, -144.3472

Inverse Universe

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



87.7130, -1.3375, 9.0217



112.2190, -2.0800, 13.8399



91.0070, -3.9475, 6.1329



45.1960, -0.5896, 2.4591



35.1980, -9.9576, 67.3554



75.4080, -21.4001, 144.3472

Previews

White Background



This preview shows how the YUV color 93.2870, 1.3375, -9.0217 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 × Fail

Black Background



This preview shows how the YUV color 93.2870, 1.3375, -9.0217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

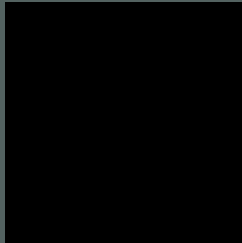
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

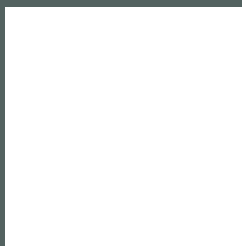
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 93.2870, 1.3375, -9.0217

Background



This preview shows how black text looks on a background with the YUV color 93.2870, 1.3375, -9.0217.



This preview shows how white text looks on a background with the YUV color 93.2870, 1.3375, -9.0217.

-9.0217.

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

93.2870, 1.3375, -9.0217

Protanopia

94.8970, -0.4422, 1.8443

Deuteranopia

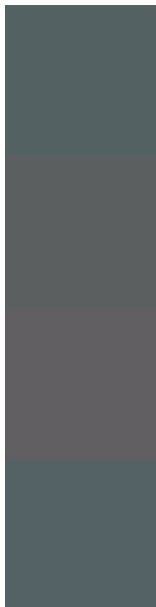
95.8590, 0.5625, 6.2627



Tritanopia

94.2100, 4.8265, -8.0772

Trichromacy



Original Color

93.2870, 1.3375, -9.0217

Protanomaly

94.1030, 0.4422, -1.8443

Deuteranomaly

94.9400, 1.0156, 0.9296

Tritanomaly

93.5690, 3.6635, -8.3920

Monochromacy



Original Color

93.2870, 1.3375, -9.0217

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.0920, 0.4476, -3.5887

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.2870, 1.3375, -9.0217 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, 98, 96)` looks like.

```
.text, #text, p{  
    color:rgb(83, 98, 96)  
}
```

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, 98, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 98, 96) }
```

Border

The CSS property to change the border of an element to YUV 93.2870, 1.3375, -9.0217 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, 98, 96) }
```


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

```
.border{ border-color:rgb(83, 98, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 98, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 98, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 98, 96);  
box-shadow:4px 4px 4px 4px rgb(83, 98, 96)  
}
```

Background

The CSS property to change the background color of an element to YUV 93.2870, 1.3375, -9.0217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 98, 96) }
```

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

```
.background{ background-color: rgb(83, 98,  
96) }
```

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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