

Converting Colors

YUV(93.8220, 6.4968, -30.5389)

Have a look what the booklet for
YUV(93.8220, 6.4968, -30.5389)
contains.

YUV(93.8220, 6.4968, -30.5389)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(93.8220, 6.4968,
-30.5389)**

Conversions

Conversions Part 1

Format	Color
Hex	3B6D6B
RGB	59, 109, 107
RGB Percent	23%, 43%, 42%
CMY	0.7686, 0.5725, 0.5804
CMYK	0.46, 0.00, 0.02, 0.57
HSL	178°, 30%, 33%
HSV	178°, 46%, 43%
XYZ	9.9261, 12.9286, 15.8822
YIQ	93.8220, -29.1580, -11.2220

Conversions

Conversions Part 2

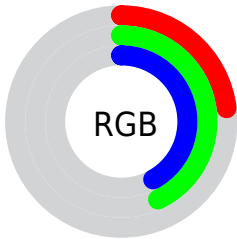
Format	Color
R_{YB}	59, 85, 109
Decimal	3894635
CIE _{Lab}	42.66, -17.37, -4.15
CIE _{LCh}	43, 17.855, 193.441
Yxy	12.9286, 0.2562, 0.3338
Android (android.graphics.Color)	4282084715 (0xFF3B6D6B)
YUV	93.8220, 6.4968, -30.5389
Hunter-Lab	35.9564, -13.6470, -1.0194

Details

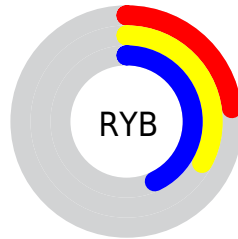
The YUV color **93.8220, 6.4968, -30.5389** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **74.1780, -6.4968, 30.5389**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.4090, 6.2074, -31.0537**, and **43.5440, 8.1128, -35.5571** is the 20% darker color. If you saturate the color by 10%, you get **90.5330, 8.1182, -37.3014**, and if you desaturate by 10%, it is **97.1110, 4.8753, -23.7763**.

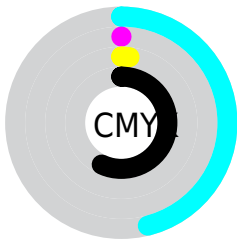
Distribution



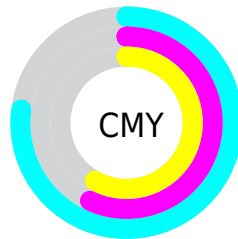
- Red (23%)
- Green (43%)
- Blue (42%)



- Red (23%)
- Yellow (33%)
- Blue (43%)



- Cyan (46%)
- Magenta (0%)
- Yellow (2%)
- Black (57%)



- Cyan (77%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.8220, 6.4968, -30.5389 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 93.8220, 6.4968, -30.5389 by changing the saturation by 10% instead.

■ 93.8220, 6.4968,
-30.5389

■ 93.8220, 6.4968,
-30.5389

■ 255.0000, 0.0000,
0.0000

■ 69.5230, 6.6442,
-31.1537

■ 145.4090, 6.2074,
-31.0537

■ 43.5440, 8.1128,
-35.5571

■ 172.1100, 6.3548,
-31.6685

■ 27.2250, 5.3121,
-23.8763

■ 199.8110, 6.5022,
-32.2832

■ 12.0310, 2.9427,
-10.5512

■ 227.8110, 6.5022,
-32.2832

■ 0.0000, 0.0000,
0.0000

■ 244.2360, 5.3067,
-22.1320

■ 252.9070, 1.0318,

-4.3034

■ 93.8220, 6.4968,
-30.5389

■ 93.8220, 6.4968,
-30.5389

■ 90.5330, 8.1182,
-37.3014

■ 97.1110, 4.8753,
-23.7763

■ 87.1300, 9.3029,
-43.9640

■ 100.5140, 3.6906,
-17.1138

■ 83.8410, 10.9244,
-50.7266

■ 103.8030, 2.0691,
-10.3512

■ 80.4380, 12.1091,
-57.3891

■ 107.2060, 0.8844,
-3.6887

■ 77.4480, 13.5831,
-63.5369

■ 110.4950, -0.7370,
3.0739

■ 75.9530, 14.3202,
-66.6108

■ 113.5990, -1.7743,
9.1217

■ 116.8880, -3.3958,
15.8842

■ 120.1770, -5.0173,
22.6468

■ 123.5800, -6.2019,
29.3093

Harmonies

Analogous

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



95.1130, -1.5347, -21.1471



93.8220, 6.4968, -30.5389



94.4180, 12.6119, -31.9386

Triad

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



93.8220, 6.4968, -30.5389



102.8620, 9.4350, 7.1370



100.8420, -13.7261, 15.9246

Complementary

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



93.8220, 6.4968, -30.5389



74.1780, -6.4968, 30.5389

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.



101.5100, -10.1114, 23.2317



93.8220, 6.4968, -30.5389



103.2180, 2.8505, 19.1028

Square

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



93.8220, 6.4968, -30.5389



100.9140, 13.8464, -7.8176



102.8290, -3.8597, 24.7060



99.4770, -13.5462, 4.8437

Rectangle

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



93.8220, 6.4968, -30.5389



96.4340, 15.0690, -26.6906



102.8290, -3.8597, 24.7060



101.0920, -12.8634, 19.2133

Sweetspot

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



93.8220, 6.4968, -30.5389



136.9060, 2.5113, -12.1956



88.9480, -14.7644, -24.5104



67.4120, 1.7689, -7.3773



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



93.8220, 6.4968, -30.5389



119.0370, 10.3348, -48.2674



81.1360, 13.7370, -19.4133



52.0920, 0.4476, -3.5887



81.5610, 15.4994, -71.5290



170.6050, 31.7467, -149.6206

Inverse Universe

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



74.1780, -6.4968, 30.5389



87.9630, -10.3348, 48.2674



87.4510, -14.0263, 18.8985



49.7940, -0.8844, 3.6887



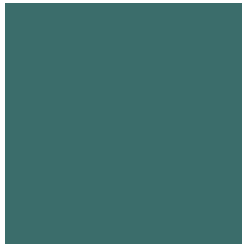
35.5530, -15.0626, 71.4290



74.3950, -31.7467, 149.6206

Previews

White Background



This preview shows how the YUV color 93.8220, 6.4968, -30.5389 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 93.8220, 6.4968, -30.5389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

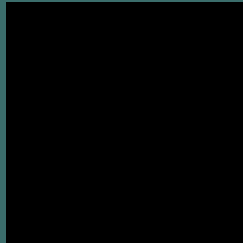
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.8220, 6.4968, -30.5389

Background



This preview shows how black text looks on a background with the YUV color 93.8220, 6.4968, -30.5389.



This preview shows how white text looks on a background with the YUV color 93.8220, 6.4968, -30.5389.

-30.5389.

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

93.8220, 6.4968, -30.5389

Protanopia

100.8260, 0.5788, 1.0296

Deuteranopia

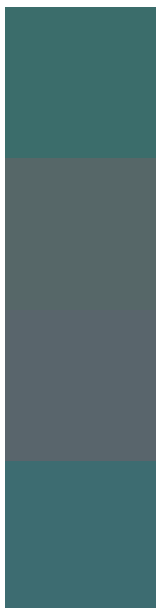
101.0590, 3.9149, 4.3333



Tritanopia

95.1580, 10.2751, -29.0796

Trichromacy



Original Color

93.8220, 6.4968, -30.5389

Protanomaly

98.0310, 2.9427, -10.5512

Deuteranomaly

98.2100, 4.8265, -8.0772

Tritanomaly

94.5170, 9.1121, -29.3944

Monochromacy



Original Color

93.8220, 6.4968, -30.5389

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.6180, 2.6533, -11.0660

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.8220, 6.4968, -30.5389 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(59, 109, 107)` looks like.

```
.text, #text, p{  
    color:rgb(59, 109, 107)  
}
```

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(59, 109, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 109, 107) }
```

Border

The CSS property to change the border of an element to YUV 93.8220, 6.4968, -30.5389 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(59, 109, 107) }
```


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

```
.border{ border-color:rgb(59, 109, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 109, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 109, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 109, 107);  
box-shadow:4px 4px 4px 4px rgb(59, 109,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 93.8220, 6.4968, -30.5389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 109, 107) }
```

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

```
.background{ background-color: rgb(59, 109,  
107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor