

Converting Colors

XYZ(30.4436, 33.4253, 35.4190)

Have a look what the booklet for
XYZ(30.4436, 33.4253, 35.4190)
contains.

XYZ(30.4436, 33.4253, 35.4190)	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

**XYZ(30.4436, 33.4253,
35.4190)**

Conversions

Conversions Part 1

Format	Color
Hex	949F9A
RGB	148, 159, 154
RGB Percent	58%, 62%, 60%
CMY	0.4196, 0.3765, 0.3961
CMYK	0.07, 0.00, 0.03, 0.38
HSL	153°, 5%, 60%
HSV	153°, 7%, 62%
XYZ	30.4436, 33.4253, 35.4190
YIQ	155.1410, -4.9510, -3.8870

Conversions

Conversions Part 2

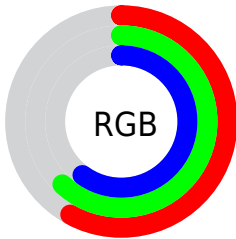
Format	Color
RYB	148, 155, 159
Decimal	9740186
CIELab	64.50, -4.90, 1.25
CIELCh	65, 5.054, 165.666
Yxy	33.4253, 0.3066, 0.3367
Android (android.graphics.Color)	4287930266 (0xFF949F9A)
YUV	155.1410, -0.5625, -6.2627
Hunter-Lab	57.8146, -7.1824, 4.1474

Details

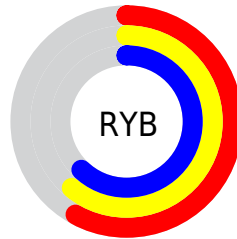
The XYZ color **30.4436, 33.4253, 35.4190** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6390, 30.8515, 34.4787**, and the grayscale version is **31.2229, 32.8489, 35.7725**.

A 20% lighter version of the original color is **59.7889, 65.2038, 69.1089**, and **12.7405, 14.2458, 14.9102** is the 20% darker color. If you saturate the color by 10%, you get **27.1788, 31.8107, 32.2175**, and if you desaturate by 10%, it is **34.1417, 35.2610, 38.8315**.

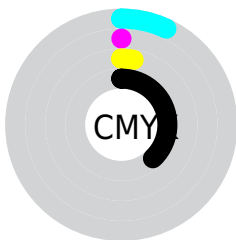
Distribution



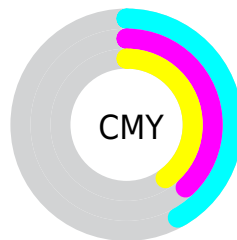
- Red (58%)
- Green (62%)
- Blue (60%)



- Red (58%)
- Yellow (61%)
- Blue (62%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (38%)



- Cyan (42%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4436, 33.4253, 35.4190 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 XYZ color 30.4436, 33.4253, 35.4190 by changing the saturation by 10% instead.

■ 30.4436, 33.4253,
35.4190

■ 30.4436, 33.4253,
35.4190

295.8396,
317.5618, 341.3742

■ 20.3253, 22.4525,
23.6997

■ 59.7448, 65.0390,
69.2933

■ 12.7413, 14.1897,
14.9009

■ 79.6584, 86.4486,
92.2853

■ 7.3264, 8.2527,
8.6040

103.5679,
112.1059, 119.8720

■ 3.7152, 4.2571,
4.3905

131.8385,
142.3953, 152.4719

■ 1.5423, 1.8184,
1.8419

164.8356,
177.7012, 190.5035

■ 0.3544, 0.4986,
0.4554

202.9246,

■ 0.0000, 0.0000,

218.4080, 234.3854

0.0000

246.4708,
264.9001, 284.5361

■ 30.4436, 33.4253,
35.4190

■ 30.4436, 33.4253,
35.4190

■ 27.1788, 31.8107,
32.2175

■ 34.1417, 35.2610,
38.8315

■ 24.3278, 30.4043,
29.2207

■ 38.2859, 37.3215,
42.4568

■ 21.8738, 29.1986,
26.4251

■ 42.8921, 39.6158,
46.2994

■ 19.7978, 28.1837,
23.8264

■ 47.9746, 42.1512,
50.3631

■ 18.0790, 27.3491,
21.4200

■ 53.5467, 44.9346,
54.6515

■ 16.6946, 26.6831,
19.2011

■ 59.6217, 47.9727,
59.1681

■ 15.6190, 26.1726,
17.1646

■ 64.6109, 50.4465,
63.8414

■ 14.8227, 25.8024,
15.3053

■ 65.5019, 50.8029,
68.5334

■ 14.2606, 25.5494,
13.6169

■ 66.4338, 51.1756,
73.4404

Harmonies

Analogous

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



30.7871, 33.4253, 33.6861



30.4436, 33.4253, 35.4190



30.4517, 33.4253, 37.4787

Triad

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



30.4436, 33.4253, 35.4190



32.1461, 33.4253, 40.3584



32.7498, 33.4253, 33.6241

Complementary

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



30.4436, 33.4253, 35.4190



30.6390, 30.8515, 34.4787

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.



33.1253, 33.4253, 35.3314



30.4436, 33.4253, 35.4190



32.7731, 33.4253, 39.2443

Square

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



30.4436, 33.4253, 35.4190



31.4273, 33.4253, 40.3841



33.1339, 33.4253, 37.3877



32.1147, 33.4253, 32.6767

Rectangle

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



30.4436, 33.4253, 35.4190



30.6552, 33.4253, 38.7622



33.1339, 33.4253, 37.3877



32.9110, 33.4253, 34.1252

Sweetspot

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



30.4445, 33.4267, 35.4197



57.6545, 61.4149, 66.3656



30.9067, 33.7213, 32.8973



13.0159, 13.8547, 14.9785



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.4445, 33.4267, 35.4197



53.7587, 59.4836, 62.7034



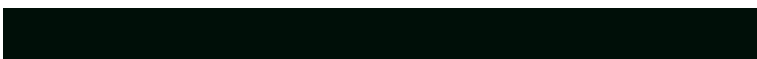
30.8071, 33.4710, 37.6395



6.6944, 7.4585, 7.8255



11.1630, 20.1332, 10.4815



0.2208, 0.3685, 0.2991

Inverse Universe

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



30.6390, 30.8515, 34.4787



54.1656, 54.0948, 60.7343



30.2919, 30.8048, 32.3667



6.7522, 6.6938, 7.5461



12.2451, 6.2026, 5.5419



0.2400, 0.1193, 0.2101

Previews

White Background



This preview shows how the XYZ color 30.4436, 33.4253, 35.4190 looks on a white background.

Color Contrast Check

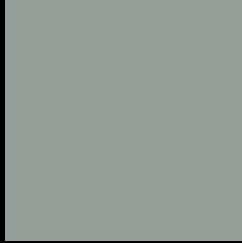
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.4436, 33.4253, 35.4190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

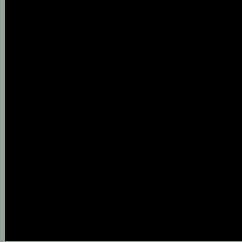
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

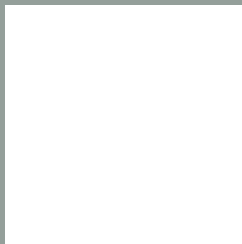
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4436, 33.4253, 35.4190

Background



This preview shows how black text looks on a background with the XYZ color 30.4436, 33.4253, 35.4190.



This preview shows how white text looks on a background with the XYZ color 30.4436, 33.4253,

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

30.4436, 33.4253, 35.4190

Protanopia

32.0532, 33.5175, 34.4859

Deuteranopia

33.8619, 33.1914, 36.0744



Tritanopia

31.7961, 33.4625, 42.3192

Trichromacy



Original Color

30.4436, 33.4253, 35.4190

Protanomaly

31.5170, 33.4818, 34.9385

Deuteranomaly

32.5763, 33.2643, 35.7140

Tritanomaly

31.3221, 33.5236, 39.9418

Monochromacy



Original Color

30.4436, 33.4253, 35.4190

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.7538, 32.8189, 35.7241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4436, 33.4253, 35.4190 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(148, 159, 154) looks like.

```
.text, #text, p{  
    color:rgb(148, 159, 154)  
}
```

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(148, 159, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 159, 154) }
```

Border

The CSS property to change the border of an element to XYZ 30.4436, 33.4253, 35.4190 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(148, 159, 154) }
```


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

```
.border{ border-color:rgb(148, 159, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 159, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 159, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 159, 154);  
box-shadow:4px 4px 4px 4px rgb(148, 159,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4436, 33.4253, 35.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 159, 154) }
```

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

```
.background{ background-color: rgb(148,  
159, 154) }
```

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