

Converting Colors

XYZ(30.8761, 34.0511, 36.4782)

Have a look what the booklet for
XYZ(30.8761, 34.0511, 36.4782)
contains.

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Color

**XYZ(30.9584, 34.1859,
36.4194)**

Conversions

Conversions Part 1

Format	Color
Hex	94A19C
RGB	148, 161, 156
RGB Percent	58%, 63%, 61%
CMY	0.4196, 0.3686, 0.3882
CMYK	0.08, 0.00, 0.03, 0.37
HSL	157°, 6%, 61%
HSV	157°, 8%, 63%
XYZ	30.9584, 34.1859, 36.4194
YIQ	156.5430, -6.1430, -4.3110

Conversions

Conversions Part 2

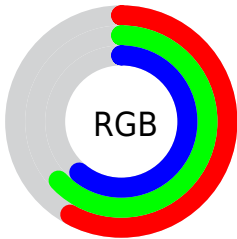
Format	Color
RYB	148, 156, 161
Decimal	9740700
CIELab	65.11, -5.59, 1.01
CIELCh	65, 5.683, 169.729
Yxy	34.1859, 0.3048, 0.3366
Android (android.graphics.Color)	4287930780 (0xFF94A19C)
YUV	156.5430, -0.2677, -7.4922
Hunter-Lab	58.4687, -7.8069, 3.9971

Details

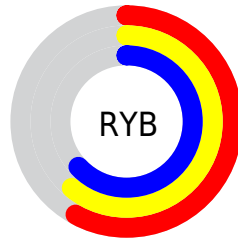
The XYZ color **30.9584, 34.1859, 36.4194** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.0389, 31.0578, 34.4974**, and the grayscale version is **31.8466, 33.5051, 36.4871**.

A 20% lighter version of the original color is **60.5458, 66.3214, 70.5830**, and **12.9482, 14.4986, 15.4807** is the 20% darker color. If you saturate the color by 10%, you get **27.7353, 32.5843, 33.6004**, and if you desaturate by 10%, it is **34.6154, 36.0099, 39.3998**.

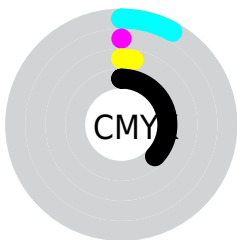
Distribution



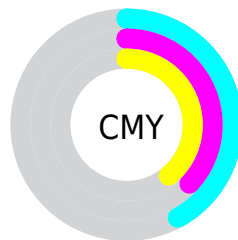
- Red (58%)
- Green (63%)
- Blue (61%)



- Red (58%)
- Yellow (61%)
- Blue (63%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (37%)



- Cyan (42%)
- Magenta (37%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9584, 34.1859, 36.4194 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 30.9584, 34.1859, 36.4194 by changing the saturation by 10% instead.

■ 30.9584, 34.1859,
36.4194

■ 30.9584, 34.1859,
36.4194

298.1769,
320.9602, 345.8827

■ 20.7188, 23.0364,
24.4660

■ 60.5509, 66.2227,
70.8552

■ 13.0299, 14.6204,
15.4643

■ 80.6345, 87.8787,
94.1748

■ 7.5263, 8.5534,
8.9956

104.7301,
113.8058, 122.1201

■ 3.8426, 4.4511,
4.6416

133.2032,
144.3883, 155.1098

■ 1.6135, 1.9289,
1.9835

166.4191,
180.0106, 193.5623

■ 0.4012, 0.5657,
0.5451

204.7431,

■ 0.0000, 0.0000,

221.0571, 237.8963

0.0000

248.5406,
267.9121, 288.5302

■ 30.9584, 34.1859,
36.4194

■ 30.9584, 34.1859,
36.4194

■ 27.7353, 32.5843,
33.6004

■ 34.6154, 36.0099,
39.3998

■ 24.9260, 31.1921,
30.9376

■ 38.7193, 38.0603,
42.5421

■ 22.5134, 30.0014,
28.4289

■ 43.2863, 40.3462,
45.8497

■ 20.4779, 29.0022,
26.0712

■ 48.3309, 42.8751,
49.3253

■ 18.7982, 28.1834,
23.8613

■ 53.8670, 45.6541,
52.9713

■ 17.4509, 27.5332,
21.7958

■ 59.9078, 48.6899,
56.7903

■ 16.4093, 27.0377,
19.8712

■ 64.3363, 50.8913,
60.6849

■ 15.6428, 26.6814,
18.0835

■ 65.0721, 51.1856,
64.5597

■ 15.0968, 26.4360,
16.4279

■ 65.8376, 51.4918,
68.5907

Harmonies

Analogous

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



31.2987, 34.1859, 34.3658



30.9584, 34.1859, 36.4194



31.0239, 34.1859, 38.7756

Triad

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



30.9584, 34.1859, 36.4194



33.0305, 34.1859, 41.6595



33.5277, 34.1859, 33.8665

Complementary

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



30.9584, 34.1859, 36.4194



31.0389, 31.0578, 34.4974

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.



34.0071, 34.1859, 35.7117



30.9584, 34.1859, 36.4194



33.7167, 34.1859, 40.2336

Square

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



30.9584, 34.1859, 36.4194



32.2110, 34.1859, 41.8686



34.0768, 34.1859, 38.0376



32.7760, 34.1859, 32.9337

Rectangle

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



30.9584, 34.1859, 36.4194



31.2893, 34.1859, 40.1990



34.0768, 34.1859, 38.0376



33.7265, 34.1859, 34.3969

Sweetspot

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



30.9594, 34.1873, 36.4202



59.3019, 63.1465, 68.4097



31.2660, 34.4211, 33.0137



13.0233, 13.8577, 15.0174



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.



30.9594, 34.1873, 36.4202



54.1600, 60.5852, 64.1321



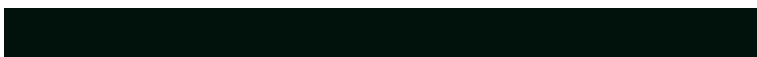
31.1658, 33.9082, 38.6222



7.1601, 7.9648, 8.4546



12.0003, 21.0864, 12.9837



0.2742, 0.4519, 0.3889

Inverse Universe

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



31.0389, 31.0578, 34.4974



54.3372, 53.6138, 59.8493



30.8393, 31.3061, 32.4349



7.1813, 7.1290, 7.9411



12.4507, 6.3363, 4.2979



0.2843, 0.1422, 0.2097

Previews

White Background



This preview shows how the XYZ color 30.9584, 34.1859, 36.4194 looks on a white background.

Color Contrast Check

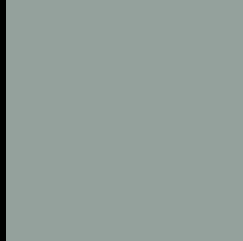
Large Text (above 18pt) WCAG AA × Fail

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 30.9584, 34.1859, 36.4194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

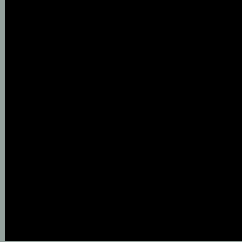
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.9584, 34.1859, 36.4194

Background



This preview shows how black text looks on a background with the XYZ color 30.9584, 34.1859, 36.4194.



This preview shows how white text looks on a background with the XYZ color 30.9584, 34.1859,

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

30.9584, 34.1859, 36.4194

Protanopia

32.7900, 34.1284, 35.4311

Deuteranopia

34.7964, 34.1353, 37.1026



Tritanopia

32.5113, 34.3159, 43.4382

Trichromacy



Original Color

30.9584, 34.1859, 36.4194

Protanomaly

32.0479, 33.9884, 35.8817

Deuteranomaly

33.2841, 34.1038, 36.7267

Tritanomaly

32.0314, 34.3788, 41.0239

Monochromacy



Original Color

30.9584, 34.1859, 36.4194

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.6391, 33.7581, 36.7467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9584, 34.1859, 36.4194 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, 161, 156)` looks like.

```
.text, #text, p{  
    color:rgb(148, 161, 156)  
}
```

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, 161, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 161, 156) }
```

Border

The CSS property to change the border of an element to XYZ 30.9584, 34.1859, 36.4194 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, 161, 156) }
```


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

```
.border{ border-color:rgb(148, 161, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 161, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 161, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 161, 156);  
box-shadow:4px 4px 4px 4px rgb(148, 161,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9584, 34.1859, 36.4194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 161, 156) }
```

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

```
.background{ background-color: rgb(148,  
161, 156) }
```

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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