

Converting Colors

XYZ(30.4947, 31.7249, 34.6504)

Have a look what the booklet for
XYZ(30.4947, 31.7249, 34.6504)
contains.

XYZ(30.4956, 31.7249, 34.6532)	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(30.4956, 31.7249,
34.6532)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9899
RGB	155, 152, 153
RGB Percent	61%, 60%, 60%
CMY	0.3922, 0.4039, 0.4000
CMYK	0.00, 0.02, 0.01, 0.39
HSL	340°, 1%, 60%
HSV	340°, 2%, 61%
XYZ	30.4956, 31.7249, 34.6532
YIQ	153.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

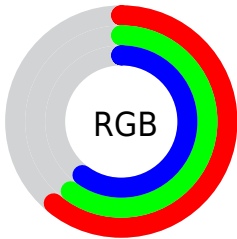
Format	Color
RYB	155, 152, 153
Decimal	10197145
CIELab	63.11, 1.28, -0.14
CIELCh	63, 1.293, 353.565
Yxy	31.7249, 0.3148, 0.3275
Android (android.graphics.Color)	4288387225 (0xFF9B9899)
YUV	153.0110, -0.0054, 1.7444
Hunter-Lab	56.3249, -1.9244, 2.9499

Details

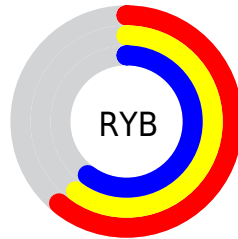
The XYZ color **30.4956, 31.7249, 34.6532** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5042, 32.4521, 35.2297**, and the grayscale version is **30.2834, 31.8605, 34.6960**.

A 20% lighter version of the original color is **59.6283, 62.2029, 67.8951**, and **12.7609, 13.2097, 14.4475** is the 20% darker color. If you saturate the color by 10%, you get **27.3251, 26.6920, 29.5630**, and if you desaturate by 10%, it is **34.0707, 37.4477, 40.2444**.

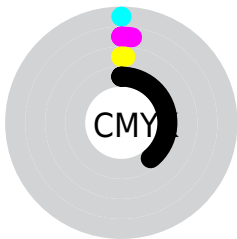
Distribution



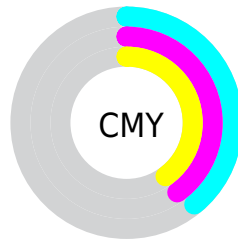
- Red (61%)
- Green (60%)
- Blue (60%)



- Red (61%)
- Yellow (60%)
- Blue (60%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (39%)



- Cyan (39%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4956, 31.7249, 34.6532 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 30.4956, 31.7249, 34.6532 by changing the saturation by 10% instead.

■ 30.4956, 31.7249,
34.6532

■ 30.4956, 31.7249,
34.6532

296.0763,
309.8642, 337.8925

■ 20.3650, 21.1515,
23.1144

■ 59.8263, 62.3796,
68.0936

■ 12.7704, 13.2348,
14.4719

■ 79.7572, 83.2296,
90.8324

■ 7.3466, 7.5904,
8.3071

103.6855,
108.2739, 118.1416

■ 3.7280, 3.8340,
4.2015

131.9766,
137.8970, 150.4397

■ 1.5494, 1.5811,
1.7365

164.9959,
172.4831, 188.1453

■ 0.3591, 0.3448,
0.3856

203.1087,

■ 0.0000, 0.0000,

212.4168, 231.6770

0.0000

246.6804,
258.0823, 281.4532

■ 30.4956, 31.7249,
34.6532

■ 30.4956, 31.7249,
34.6532

■ 27.3251, 26.6920,
29.5630

■ 34.0707, 37.4477,
40.2444

■ 24.5421, 22.3188,
24.9577

■ 38.0615, 43.8810,
46.3481

■ 22.1320, 18.5791,
20.8233

■ 42.4821, 51.0495,
52.9778

■ 20.0783, 15.4432,
17.1442

■ 47.3448, 58.9757,
60.1461

■ 18.3634, 12.8789,
13.9040

■ 52.6618, 67.6808,
67.8650

■ 16.9679, 10.8513,
11.0854

■ 58.4446, 77.1854,
76.1461

■ 15.8704, 9.3214,
8.6694

■ 62.9230, 83.9468,
84.4071

■ 15.0469, 8.2448,
6.6358

■ 64.3807, 84.5298,
92.0831

■ 14.4689, 7.5694,
4.9620

■ 65.9254, 85.1477,
100.2174

Harmonies

Analogous

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



30.4303, 31.7249, 35.1296



30.4956, 31.7249, 34.6532



30.4690, 31.7249, 34.1519

Triad

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



30.4956, 31.7249, 34.6532



30.0167, 31.7249, 33.6507



29.9504, 31.7249, 35.3392

Complementary

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



30.4956, 31.7249, 34.6532



30.5042, 32.4521, 35.2297

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.



29.8403, 31.7249, 34.9371



30.4956, 31.7249, 34.6532



29.8785, 31.7249, 33.9630

Square

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



30.4956, 31.7249, 34.6532



30.1920, 31.7249, 33.5763



29.8141, 31.7249, 34.4331



30.1152, 31.7249, 35.5281

Rectangle

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



30.4956, 31.7249, 34.6532



30.4027, 31.7249, 33.8706



29.8141, 31.7249, 34.4331



29.9058, 31.7249, 35.2243

Sweetspot

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



30.4965, 31.7263, 34.6539



55.1700, 57.7026, 62.9384



30.4721, 31.6945, 35.5225



12.4959, 13.0741, 14.2591



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



30.4965, 31.7263, 34.6539



54.5517, 56.7164, 61.9600



30.4957, 31.8560, 34.2488



6.8209, 7.0997, 7.7538



11.3638, 5.7997, 3.1747



0.1856, 0.0930, 0.1300

Inverse Universe

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



30.4965, 31.7263, 34.6539



54.5517, 56.7164, 61.9600



30.5047, 32.3195, 35.6415



6.8209, 7.0997, 7.7538



11.3638, 5.7997, 3.1747



0.1856, 0.0930, 0.1300

Previews

White Background



This preview shows how the XYZ color 30.4956, 31.7249, 34.6532 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 30.4956, 31.7249, 34.6532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

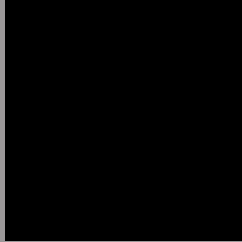
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

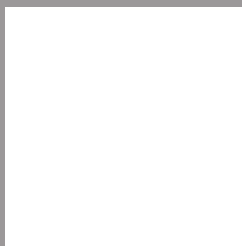
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4956, 31.7249, 34.6532

Background



This preview shows how black text looks on a background with the XYZ color 30.4956, 31.7249, 34.6532.



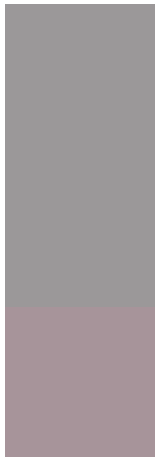
This preview shows how white text looks on a background with the XYZ color 30.4956, 31.7249,

34.6532.

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

30.4956, 31.7249, 34.6532

Protanopia

30.4956, 31.7249, 34.6532

Deuteranopia

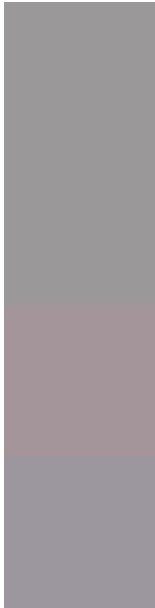
32.3590, 31.7284, 34.9905



Tritanopia

31.2985, 31.8098, 38.6727

Trichromacy



Original Color

30.4956, 31.7249, 34.6532

Protanomaly

30.4956, 31.7249, 34.6532

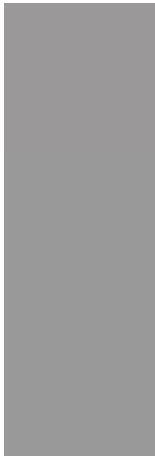
Deuteranomaly

31.6844, 31.6145, 35.0041

Tritanomaly

31.0349, 31.7043, 37.2847

Monochromacy



Original Color

30.4956, 31.7249, 34.6532

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.4674, 31.9524, 34.6986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4956, 31.7249, 34.6532 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(155, 152, 153)` looks like.

```
.text, #text, p{  
    color:rgb(155, 152, 153)  
}
```

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(155, 152, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 152, 153) }
```

Border

The CSS property to change the border of an element to XYZ 30.4956, 31.7249, 34.6532 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(155, 152, 153) }
```


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

```
.border{ border-color:rgb(155, 152, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 152, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 152, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 152, 153);  
box-shadow:4px 4px 4px 4px rgb(155, 152,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4956, 31.7249, 34.6532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 152, 153) }
```

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

```
.background{ background-color: rgb(155,  
152, 153) }
```

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