

Converting Colors

XYZ(30.1544, 30.6573, 31.9319)

Have a look what the booklet for
XYZ(30.1544, 30.6573, 31.9319)
contains.

XYZ(30.1544, 30.6573, 31.9319)	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(30.1544, 30.6573,
31.9319)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9493
RGB	159, 148, 147
RGB Percent	62%, 58%, 58%
CMY	0.3765, 0.4196, 0.4235
CMYK	0.00, 0.07, 0.08, 0.38
HSL	5°, 6%, 60%
HSV	5°, 8%, 62%
XYZ	30.1544, 30.6573, 31.9319
YIQ	151.1750, 6.8770, 2.0210

Conversions

Conversions Part 2

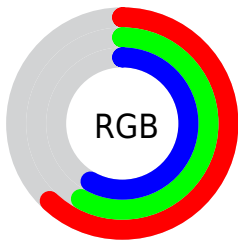
Format	Color
R_{YB}	159, 148, 147
Decimal	10458259
CIE Lab	62.22, 3.87, 1.98
CIE LCh	62, 4.349, 27.081
Yxy	30.6573, 0.3251, 0.3306
Android (android.graphics.Color)	4288648339 (0xFF9F9493)
YUV	151.1750, -2.0583, 4.8625
Hunter-Lab	55.3690, 0.3167, 4.5652

Details

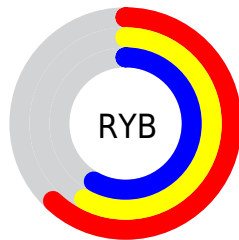
The XYZ color **30.1544, 30.6573, 31.9319** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5174, 33.1593, 37.5931**, and the grayscale version is **29.4975, 31.0336, 33.7956**.

A 20% lighter version of the original color is **59.3947, 60.7542, 63.8546**, and **12.6167, 12.6006, 13.0764** is the 20% darker color. If you saturate the color by 10%, you get **26.8487, 25.9062, 25.0940**, and if you desaturate by 10%, it is **33.9221, 36.0556, 39.7754**.

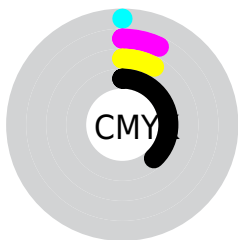
Distribution



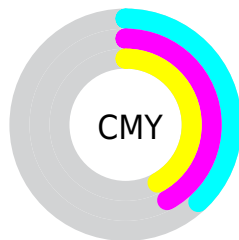
- Red (62%)
- Green (58%)
- Blue (58%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1544, 30.6573, 31.9319 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 30.1544, 30.6573, 31.9319 by changing the saturation by 10% instead.

■ 30.1544, 30.6573,
31.9319

■ 30.1544, 30.6573,
31.9319

294.5204,
304.9564, 325.2921

■ 20.1045, 20.3380,
21.0451

■ 59.2912, 60.7001,
63.8010

■ 12.5797, 12.6410,
12.9654

■ 79.1088, 81.1925,
85.6203

■ 7.2148, 7.1818,
7.2743

102.9130,
105.8446, 111.9210

■ 3.6443, 3.5761,
3.5532

131.0692,
135.0410, 143.1214

■ 1.5029, 1.4394,
1.3836

163.9426,
169.1659, 179.6402

■ 0.3278, 0.2455,
0.1289

201.8987,

■ 0.0000, 0.0000,

208.6039, 221.8959

0.0000

245.3029,
253.7392, 270.3070

■ 30.1544, 30.6573,
31.9319

■ 30.1544, 30.6573,
31.9319

■ 26.8487, 25.9062,
25.0940

■ 33.9221, 36.0556,
39.7754

■ 23.9846, 21.7741,
19.2190

■ 38.1659, 42.1198,
48.6609

■ 21.5443, 18.2368,
14.2645

■ 42.9025, 48.8730,
58.6251

■ 19.5076, 15.2667,
10.1836

■ 48.1471, 56.3360,
69.7026

■ 17.8525, 12.8345,
6.9257

■ 53.9141, 64.5286,
81.9264

■ 16.5553, 10.9078,
4.4347

■ 60.2176, 73.4699,
95.3282

■ 15.5893, 9.4509,
2.6478

■ 66.5346, 82.9639,
107.1146

■ 14.9241, 8.4236,
1.4919

■ 68.1082, 86.1110,
107.6391

■ 14.5179, 7.7762,
0.8478

Harmonies

Analogous

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



30.2796, 30.6573, 33.5453



30.1544, 30.6573, 31.9319



29.7560, 30.6573, 30.7424

Triad

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



30.1544, 30.6573, 31.9319



28.2025, 30.6573, 31.6561



29.0815, 30.6573, 36.7108

Complementary

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



30.1544, 30.6573, 31.9319



30.5174, 33.1593, 37.5931

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.



28.5303, 30.6573, 36.1655



30.1544, 30.6573, 31.9319



28.0271, 30.6573, 33.2164

Square

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



30.1544, 30.6573, 31.9319



28.6285, 30.6573, 30.5870



28.1463, 30.6573, 34.8724



29.6552, 30.6573, 36.3393

Rectangle

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



30.1544, 30.6573, 31.9319



29.3917, 30.6573, 30.3309



28.1463, 30.6573, 34.8724



28.8875, 30.6573, 36.6282

Sweetspot

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



30.1553, 30.6586, 31.9326



57.6172, 60.0854, 64.6985



30.9037, 30.7074, 36.6464



13.0080, 13.5723, 14.6242



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.



30.1553, 30.6586, 31.9326



52.9878, 53.4466, 55.0781



31.1205, 32.5891, 32.2543



6.6754, 6.7308, 6.9330



11.4238, 6.0832, 0.5721



0.2158, 0.1319, 0.0141

Inverse Universe

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



30.5174, 33.1593, 37.5931



53.7673, 58.8303, 67.2650



29.5193, 31.1631, 37.2604



6.7744, 7.4146, 8.4808



13.0411, 18.1737, 28.7278



0.2457, 0.3500, 0.5178

Previews

White Background



This preview shows how the XYZ color 30.1544, 30.6573, 31.9319 looks on a white background.

Color Contrast Check

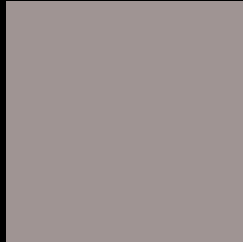
Large Text (above 18pt) WCAG AA × Fail

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 30.1544, 30.6573, 31.9319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

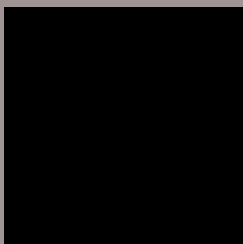
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

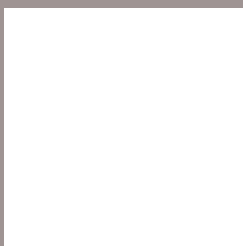
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1544, 30.6573, 31.9319

Background



This preview shows how black text looks on a background with the XYZ color 30.1544, 30.6573, 31.9319.



This preview shows how white text looks on a background with the XYZ color 30.1544, 30.6573,

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

30.1544, 30.6573, 31.9319

Protanopia

29.5781, 30.8208, 32.4071

Deuteranopia

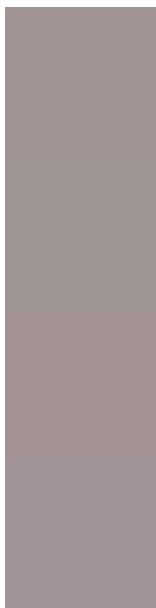
31.1177, 30.4644, 31.8439



Tritanopia

31.1484, 30.6035, 36.6131

Trichromacy



Original Color

30.1544, 30.6573, 31.9319

Protanomaly

29.8030, 30.7009, 32.3721

Deuteranomaly

30.6496, 30.4509, 31.8660

Tritanomaly

30.7637, 30.6741, 34.8711

Monochromacy



Original Color

30.1544, 30.6573, 31.9319

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.7378, 30.8847, 33.2482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1544, 30.6573, 31.9319 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(159, 148, 147)` looks like.

```
.text, #text, p{  
    color:rgb(159, 148, 147)  
}
```

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(159, 148, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 148, 147) }
```

Border

The CSS property to change the border of an element to XYZ 30.1544, 30.6573, 31.9319 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(159, 148, 147) }
```


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

```
.border{ border-color:rgb(159, 148, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 148, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 148, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 148, 147);  
box-shadow:4px 4px 4px 4px rgb(159, 148,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1544, 30.6573, 31.9319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 148, 147) }
```

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

```
.background{ background-color: rgb(159,  
148, 147) }
```

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