

Converting Colors

XYZ(27.3389, 30.2969, 31.6884)

Have a look what the booklet for
XYZ(27.3389, 30.2969, 31.6884)
contains.

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Color

**XYZ(27.3948, 30.4332,
31.6245)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9992
RGB	140, 153, 146
RGB Percent	55%, 60%, 57%
CMY	0.4510, 0.4000, 0.4274
CMYK	0.08, 0.00, 0.05, 0.40
HSL	148°, 6%, 57%
HSV	148°, 8%, 60%
XYZ	27.3948, 30.4332, 31.6245
YIQ	148.3150, -5.5010, -4.9330

Conversions

Conversions Part 2

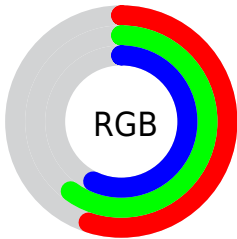
Format	Color
RYB	140, 149, 153
Decimal	9214354
CIELab	62.03, -6.04, 2.08
CIELCh	62, 6.389, 161.018
Yxy	30.4332, 0.3062, 0.3402
Android (android.graphics.Color)	4287404434 (0xFF8C9992)
YUV	148.3150, -1.1413, -7.2923
Hunter-Lab	55.1663, -7.9004, 4.6280

Details

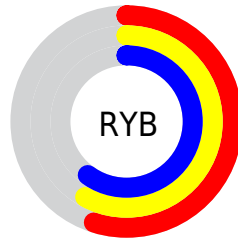
The XYZ color **27.3948, 30.4332, 31.6245** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.7825, 27.6359, 31.4752**, and the grayscale version is **28.2868, 29.7599, 32.4085**.

A 20% lighter version of the original color is **54.9863, 60.2651, 63.3778**, and **11.0791, 12.5209, 12.8992** is the 20% darker color. If you saturate the color by 10%, you get **24.3758, 28.9491, 28.2572**, and if you desaturate by 10%, it is **30.8202, 32.1232, 35.2533**.

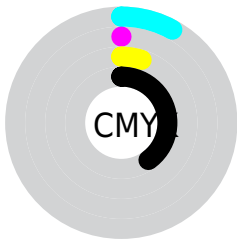
Distribution



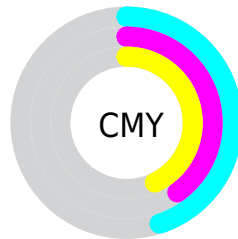
- Red (55%)
- Green (60%)
- Blue (57%)



- Red (55%)
- Yellow (58%)
- Blue (60%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (40%)



- Cyan (45%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3948, 30.4332, 31.6245 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 27.3948, 30.4332, 31.6245 by changing the saturation by 10% instead.

■ 27.3948, 30.4332,
31.6245

■ 27.3948, 30.4332,
31.6245

281.6964,
303.9185, 323.8450

■ 18.0081, 20.1676,
20.8124

■ 54.9322, 60.3466,
63.3130

■ 11.0555, 12.5170,
12.7970

■ 73.8135, 80.7632,
85.0265

■ 6.1717, 7.0968,
7.1599

■ 96.5905, 105.3323,
111.2109

■ 2.9914, 3.5227,
3.4823

123.6284,
134.4382, 142.2847

■ 1.1492, 1.4103,
1.3459

155.2925,
168.4654, 178.6665

■ 0.0657, 0.2243,
0.0989

191.9484,

■ 0.0000, 0.0000,

207.7983, 220.7748

0.0000

233.9612,
252.8212, 269.0281

■ 27.3948, 30.4332,
31.6245

■ 27.3948, 30.4332,
31.6245

■ 24.3758, 28.9491,
28.2572

■ 30.8202, 32.1232,
35.2533

■ 21.7451, 27.6591,
25.1437

■ 34.6643, 34.0227,
39.1471

■ 19.4867, 26.5559,
22.2785

■ 38.9419, 36.1401,
43.3121

■ 17.5826, 25.6304,
19.6555

■ 43.6665, 38.4823,
47.7536

■ 16.0134, 24.8727,
17.2681

■ 48.8508, 41.0557,
52.4765

■ 14.7574, 24.2717,
15.1094

■ 54.5070, 43.8666,
57.4859

■ 13.7906, 23.8151,
13.1724

■ 60.6470, 46.9209,
62.7865

■ 13.0848, 23.4887,
11.4493

■ 64.5055, 48.7930,
68.2533

■ 12.5851, 23.2642,
9.9310

■ 65.5714, 49.2194,
73.8663

Harmonies

Analogous

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



27.8574, 30.4332, 29.7005



27.3948, 30.4332, 31.6245



27.3377, 30.4332, 34.0471

Triad

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



27.3948, 30.4332, 31.6245



29.2421, 30.4332, 37.9902



30.1876, 30.4332, 30.1336

Complementary

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



27.3948, 30.4332, 31.6245



27.7825, 27.6359, 31.4752

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.



30.5743, 30.4332, 32.2424



27.3948, 30.4332, 31.6245



30.0213, 30.4332, 36.8279

Square

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



27.3948, 30.4332, 31.6245



28.3929, 30.4332, 37.8046



30.5129, 30.4332, 34.6961



29.4654, 30.4332, 28.8696

Rectangle

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



27.3948, 30.4332, 31.6245



27.5359, 30.4332, 35.6295



30.5129, 30.4332, 34.6961



30.3618, 30.4332, 30.7627

Sweetspot

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



27.3957, 30.4345, 31.6252



52.3038, 56.1008, 60.1095



28.1855, 30.8942, 29.2892



11.4451, 12.3363, 13.1625



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.3957, 30.4345, 31.6252



48.0906, 54.0247, 55.5766



27.9037, 30.6377, 34.3007



6.2448, 6.9706, 7.2124



10.3607, 19.2077, 8.1198



0.1730, 0.2944, 0.2167

Inverse Universe

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



27.7825, 27.6359, 31.4752



48.9126, 48.0782, 55.2579



27.2976, 27.4420, 28.9217



6.3409, 6.2755, 7.1752



12.1457, 6.1125, 7.2921



0.1999, 0.0987, 0.2057

Previews

White Background



This preview shows how the XYZ color 27.3948, 30.4332, 31.6245 looks on a white background.

Color Contrast Check

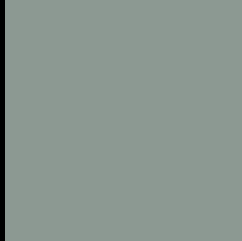
Large Text (above 18pt) WCAG AA × Fail

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 27.3948, 30.4332, 31.6245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

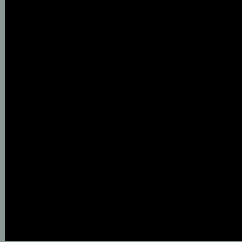
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

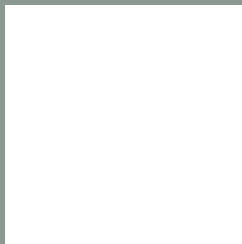
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3948, 30.4332, 31.6245

Background



This preview shows how black text looks on a background with the XYZ color 27.3948, 30.4332, 31.6245.



This preview shows how white text looks on a background with the XYZ color 27.3948, 30.4332,

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

27.3948, 30.4332, 31.6245

Protanopia

29.1079, 30.3785, 30.7150

Deuteranopia

30.9877, 30.3882, 32.2493



Tritanopia

28.9159, 30.5815, 38.5612

Trichromacy



Original Color

27.3948, 30.4332, 31.6245

Protanomaly

28.4116, 30.2466, 31.1288

Deuteranomaly

29.5667, 30.3543, 31.9044

Tritanomaly

28.3843, 30.6076, 35.8643

Monochromacy



Original Color

27.3948, 30.4332, 31.6245

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.8499, 29.9390, 31.9147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3948, 30.4332, 31.6245 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(140, 153, 146)` looks like.

```
.text, #text, p{  
    color:rgb(140, 153, 146)  
}
```

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(140, 153, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 153, 146) }
```

Border

The CSS property to change the border of an element to XYZ 27.3948, 30.4332, 31.6245 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(140, 153, 146) }
```


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

```
.border{ border-color:rgb(140, 153, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 153, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 153, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 153, 146);  
box-shadow:4px 4px 4px 4px rgb(140, 153,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3948, 30.4332, 31.6245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 153, 146) }
```

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

```
.background{ background-color: rgb(140,  
153, 146) }
```

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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