

Converting Colors

XYZ(27.5683, 28.4596, 30.6215)

Have a look what the booklet for
XYZ(27.5683, 28.4596, 30.6215)
contains.

XYZ(27.5850, 28.4442, 30.4219)	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(27.5850, 28.4442,
30.4219)**

Conversions

Conversions Part 1

Format	Color
Hex	969090
RGB	150, 144, 144
RGB Percent	59%, 56%, 56%
CMY	0.4118, 0.4353, 0.4353
CMYK	0.00, 0.04, 0.04, 0.41
HSL	0°, 3%, 58%
HSV	0°, 4%, 59%
XYZ	27.5850, 28.4442, 30.4219
YIQ	145.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

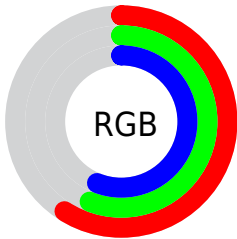
Format	Color
R _{YB}	150, 144, 144
Decimal	9867408
CIE Lab	60.29, 2.21, 0.78
CIE LCh	60, 2.347, 19.454
Yxy	28.4442, 0.3191, 0.3290
Android (android.graphics.Color)	4288057488 (0xFF969090)
YUV	145.7940, -0.8844, 3.6887
Hunter-Lab	53.3331, -1.0090, 3.5134

Details

The XYZ color **27.5850, 28.4442, 30.4219** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.9129, 29.9435, 33.1631**, and the grayscale version is **27.2404, 28.6591, 31.2097**.

A 20% lighter version of the original color is **55.2890, 57.3028, 61.5726**, and **11.1687, 11.4662, 12.2142** is the 20% darker color. If you saturate the color by 10%, you get **24.3920, 23.7725, 24.0721**, and if you desaturate by 10%, it is **31.2335, 33.7825, 37.6758**.

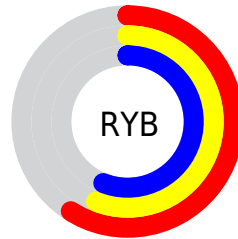
Distribution



Red (59%)

Green (56%)

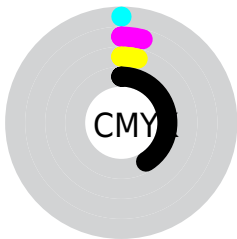
Blue (56%)



Red (59%)

Yellow (56%)

Blue (56%)

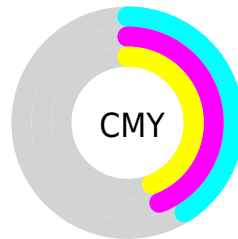


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (41%)



Cyan (41%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5850, 28.4442, 30.4219 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 27.5850, 28.4442, 30.4219 by changing the saturation by 10% instead.

■ 27.5850, 28.4442,
30.4219

■ 27.5850, 28.4442,
30.4219

282.5947,
294.5834, 318.1344

■ 18.1519, 18.6608,
19.9043

■ 55.2345, 57.1929,
61.3976

■ 11.1595, 11.4254,
12.1421

■ 74.1816, 76.9269,
82.6928

■ 6.2423, 6.3537,
6.7168

97.0307, 100.7465,
108.4176

■ 3.0350, 3.0614,
3.2099

124.1473,
129.0362, 138.9905

■ 1.1723, 1.1638,
1.2028

155.8966,
162.1804, 174.8301

■ 0.0843, 0.0319,
0.0000

192.6441,

■ 0.0000, 0.0000,

200.5634, 216.3549

0.0000

234.7550,
244.5696, 263.9835

■ 27.5850, 28.4442,
30.4219

■ 27.5850, 28.4442,
30.4219

■ 24.3920, 23.7725,
24.0721

■ 31.2335, 33.7825,
37.6758

■ 21.6345, 19.7377,
18.5893

■ 35.3520, 39.8083,
45.8655

■ 19.2942, 16.3134,
13.9364

■ 39.9571, 46.5460,
55.0231

■ 17.3509, 13.4699,
10.0731

■ 45.0641, 54.0179,
65.1789

■ 15.7826, 11.1749,
6.9554

■ 50.6875, 62.2452,
76.3618

■ 14.5650, 9.3931,
4.5355

■ 56.8412, 71.2483,
88.5995

■ 13.6713, 8.0852,
2.7595

■ 63.5385, 81.0468,
101.9186

■ 13.0706, 7.2058,
1.5661

■ 66.3879, 85.2241,
107.5586

■ 12.7256, 6.7007,
0.8811

Harmonies

Analogous

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



27.6086, 28.4442, 31.2754



27.5850, 28.4442, 30.4219



27.4135, 28.4442, 29.7278

Triad

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



27.5850, 28.4442, 30.4219



26.5978, 28.4442, 29.9054



26.9295, 28.4442, 32.6299

Complementary

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



27.5850, 28.4442, 30.4219



27.9129, 29.9435, 33.1631

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.



26.6607, 28.4442, 32.2481



27.5850, 28.4442, 30.4219



26.4701, 28.4442, 30.6684

Square

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



27.5850, 28.4442, 30.4219



26.8430, 28.4442, 29.4335



26.4931, 28.4442, 31.5265



27.2287, 28.4442, 32.5609

Rectangle

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



27.5850, 28.4442, 30.4219



27.2391, 28.4442, 29.4439



26.4931, 28.4442, 31.5265



26.8327, 28.4442, 32.5498

Sweetspot

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



27.5858, 28.4454, 30.4225



50.5155, 52.8816, 57.3338



28.0564, 28.6330, 32.9026



11.2039, 11.7324, 12.7238



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



27.5858, 28.4454, 30.4225



48.0244, 49.2368, 52.3804



28.0458, 29.3655, 30.5759



6.0703, 6.2098, 6.5928



10.4324, 5.3791, 0.4884



0.1277, 0.0659, 0.0060

Inverse Universe

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



27.9129, 29.9435, 33.1631



48.7549, 52.5825, 58.5010



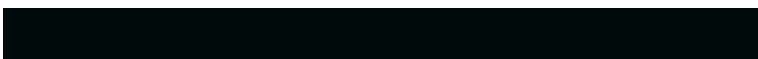
27.4407, 28.9991, 33.0057



6.1704, 6.6684, 7.4316



13.6018, 19.8984, 27.0549



0.1665, 0.2437, 0.3312

Previews

White Background



This preview shows how the XYZ color 27.5850, 28.4442, 30.4219 looks on a white background.

Color Contrast Check

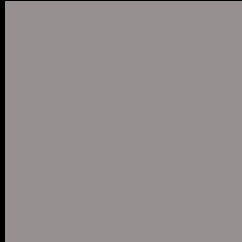
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5850, 28.4442, 30.4219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

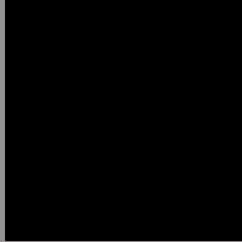
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5850, 28.4442, 30.4219

Background



This preview shows how black text looks on a background with the XYZ color 27.5850, 28.4442, 30.4219.

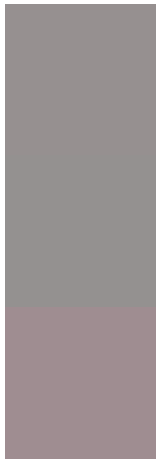


This preview shows how white text looks on a background with the XYZ color 27.5850, 28.4442,

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

27.5850, 28.4442, 30.4219

Protanopia

27.3722, 28.5603, 30.4556

Deuteranopia

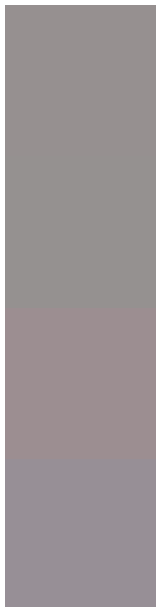
28.9338, 28.4650, 30.7574



Tritanopia

28.2682, 28.2584, 34.5364

Trichromacy



Original Color

27.5850, 28.4442, 30.4219

Protanomaly

27.5539, 28.6540, 30.4641

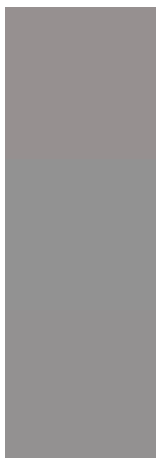
Deuteranomaly

28.4941, 28.4583, 30.7793

Tritanomaly

28.0900, 28.4262, 32.8605

Monochromacy



Original Color

27.5850, 28.4442, 30.4219

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.2689, 28.4982, 30.8515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5850, 28.4442, 30.4219 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(150, 144, 144)` looks like.

```
.text, #text, p{  
    color:rgb(150, 144, 144)  
}
```

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(150, 144, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 144, 144) }
```

Border

The CSS property to change the border of an element to XYZ 27.5850, 28.4442, 30.4219 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(150, 144, 144) }
```


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

```
.border{ border-color:rgb(150, 144, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 144, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 144, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 144, 144);  
box-shadow:4px 4px 4px 4px rgb(150, 144,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5850, 28.4442, 30.4219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 144, 144) }
```

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

```
.background{ background-color: rgb(150,  
144, 144) }
```

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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