

Converting Colors

XYZ(28.4143, 30.6915, 28.4729)

Have a look what the booklet for
XYZ(28.4143, 30.6915, 28.4729)
contains.

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Color

**XYZ(28.3934, 30.7755,
28.4885)**

Conversions

Conversions Part 1

Format	Color
Hex	96988A
RGB	150, 152, 138
RGB Percent	59%, 60%, 54%
CMY	0.4118, 0.4039, 0.4588
CMYK	0.01, 0.00, 0.09, 0.40
HSL	69°, 6%, 57%
HSV	69°, 9%, 60%
XYZ	28.3934, 30.7755, 28.4885
YIQ	149.8060, 3.3020, -4.7780

Conversions

Conversions Part 2

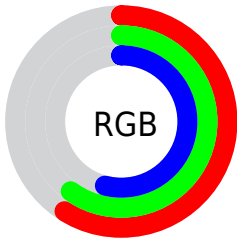
Format	Color
RYB	138, 152, 140
Decimal	9869450
CIELab	62.32, -3.33, 7.11
CIELCh	62, 7.854, 115.107
Yxy	30.7755, 0.3239, 0.3511
Android (android.graphics.Color)	4288059530 (0xFF96988A)
YUV	149.8060, -5.8204, 0.1701
Hunter-Lab	55.4757, -5.7231, 8.3857

Details

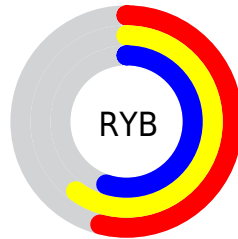
The XYZ color **28.3934, 30.7755, 28.4885** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.5723, 26.0202, 33.3820**, and the grayscale version is **28.9308, 30.4375, 33.1464**.

A 20% lighter version of the original color is **56.3771, 60.7416, 58.0431**, and **11.5607, 12.6646, 11.0677** is the 20% darker color. If you saturate the color by 10%, you get **26.9730, 30.1626, 23.0739**, and if you desaturate by 10%, it is **29.9770, 31.4566, 34.7161**.

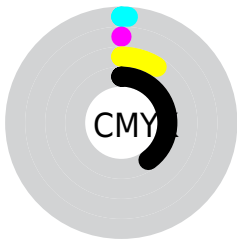
Distribution



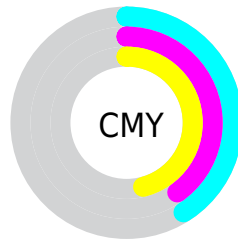
- Red (59%)
- Green (60%)
- Blue (54%)



- Red (54%)
- Yellow (60%)
- Blue (55%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)



- Cyan (41%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3934, 30.7755, 28.4885 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 28.3934, 30.7755, 28.4885 by changing the saturation by 10% instead.

■ 28.3934, 30.7755,
28.4885

■ 28.3934, 30.7755,
28.4885

286.3881,
305.5027, 308.7789

■ 18.7644, 20.4280,
18.4520

■ 56.5162, 60.8864,
58.2959

■ 11.6031, 12.7065,
11.1022

■ 75.7406, 81.4186,
78.9038

■ 6.5443, 7.2268,
6.0206

■ 98.8943, 106.1145,
103.8726

■ 3.2226, 3.6043,
2.7886

126.3425,
135.3584, 133.6209

■ 1.2725, 1.4548,
0.9877

158.4507,
169.5348, 168.5671

■ 0.1625, 0.2566,
0.0000

195.5841,

■ 0.0000, 0.0000,

209.0281, 209.1298

0.0000

238.1081,
254.2226, 255.7276

■ 28.3934, 30.7755,
28.4885

■ 28.3934, 30.7755,
28.4885

■ 26.9730, 30.1626,
23.0739

■ 29.9770, 31.4566,
34.7161

■ 25.7068, 29.6111,
18.4367

■ 31.7272, 32.2042,
41.7862

■ 24.5889, 29.1199,
14.5419

■ 33.6507, 33.0220,
49.7294

■ 23.6119, 28.6858,
11.3506

■ 35.7529, 33.9121,
58.5741

■ 22.7676, 28.3057,
8.8209

■ 38.0389, 34.8766,
68.3473

■ 22.0473, 27.9760,
6.9060

■ 40.5137, 35.9175,
79.0752

■ 21.4409, 27.6927,
5.5532

■ 43.1821, 37.0368,
90.7826

■ 20.9365, 27.4510,
4.7011

■ 45.2985, 37.9361,
99.5427

■ 20.5081, 27.2406,
4.2115

■ 45.7631, 38.1756,
99.5644

Harmonies

Analogous

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



29.4257, 30.7755, 28.0145



28.3934, 30.7755, 28.4885



27.6083, 30.7755, 30.2745

Triad

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



28.3934, 30.7755, 28.4885



28.0987, 30.7755, 38.5378



31.3330, 30.7755, 34.0105

Complementary

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



28.3934, 30.7755, 28.4885



25.5723, 26.0202, 33.3820

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.



30.9580, 30.7755, 36.9667



28.3934, 30.7755, 28.4885



29.0774, 30.7755, 39.6794

Square

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



28.3934, 30.7755, 28.4885



27.4411, 30.7755, 36.0521



30.1261, 30.7755, 39.0878



31.1392, 30.7755, 31.0890

Rectangle

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



28.3934, 30.7755, 28.4885



27.3221, 30.7755, 32.0288



30.1261, 30.7755, 39.0878



31.2690, 30.7755, 35.0347

Sweetspot

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



28.3942, 30.7768, 28.4892



51.8006, 55.0456, 56.8736



26.8960, 27.2284, 27.8832



11.7243, 12.4900, 12.7322



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.



28.3942, 30.7768, 28.4892



49.5913, 54.0951, 48.2572



27.1675, 30.1444, 28.4318



6.6220, 7.1781, 6.6423



17.1868, 22.8360, 3.5020



0.2778, 0.3521, 0.0533

Inverse Universe

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



25.5723, 26.0202, 33.3820



43.6089, 44.0109, 58.6302



26.7657, 26.6354, 33.4378



5.9626, 6.0666, 7.7857



5.0418, 2.0502, 25.0377



0.0939, 0.0402, 0.3752

Previews

White Background



This preview shows how the XYZ color 28.3934, 30.7755, 28.4885 looks on a white background.

Color Contrast Check

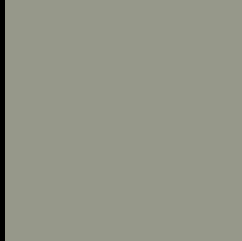
Large Text (above 18pt) WCAG AA × Fail

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 28.3934, 30.7755, 28.4885 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

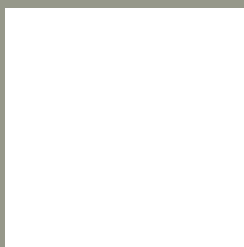
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3934, 30.7755, 28.4885

Background



This preview shows how black text looks on a background with the XYZ color 28.3934, 30.7755, 28.4885.



This preview shows how white text looks on a background with the XYZ color 28.3934, 30.7755,

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

28.3934, 30.7755, 28.4885

Protanopia

29.1320, 30.6868, 28.0546

Deuteranopia

31.1478, 30.5499, 28.6812



Tritanopia

30.2295, 30.8053, 37.6105

Trichromacy



Original Color

28.3934, 30.7755, 28.4885

Protanomaly

28.9084, 30.8094, 28.0901

Deuteranomaly

30.1504, 30.7253, 28.7676

Tritanomaly

29.5227, 30.7551, 34.0861

Monochromacy



Original Color

28.3934, 30.7755, 28.4885

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.8326, 30.6926, 31.5987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3934, 30.7755, 28.4885 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, 152, 138)` looks like.

```
.text, #text, p{  
    color:rgb(150, 152, 138)  
}
```

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, 152, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 152, 138) }
```

Border

The CSS property to change the border of an element to XYZ 28.3934, 30.7755, 28.4885 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, 152, 138) }
```


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

```
.border{ border-color:rgb(150, 152, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 152, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 152, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 152, 138);  
box-shadow:4px 4px 4px 4px rgb(150, 152,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3934, 30.7755, 28.4885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 152, 138) }
```

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

```
.background{ background-color: rgb(150,  
152, 138) }
```

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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