

Converting Colors

XYZ(30.0252, 30.6990, 28.3613)

Have a look what the booklet for
XYZ(30.0252, 30.6990, 28.3613)
contains.

XYZ(30.0776, 30.6962, 28.3844)	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(30.0776, 30.6962,
28.3844)**

Conversions

Conversions Part 1

Format	Color
Hex	A2948A
RGB	162, 148, 138
RGB Percent	64%, 58%, 54%
CMY	0.3647, 0.4196, 0.4588
CMYK	0.00, 0.09, 0.15, 0.36
HSL	25°, 11%, 59%
HSV	25°, 15%, 64%
XYZ	30.0776, 30.6962, 28.3844
YIQ	151.0460, 11.5540, -0.1420

Conversions

Conversions Part 2

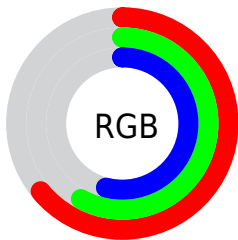
Format	Color
RYB	162, 155, 138
Decimal	10654858
CIELab	62.25, 3.44, 7.15
CIELCh	62, 7.936, 64.314
Yxy	30.6962, 0.3374, 0.3443
Android (android.graphics.Color)	4288844938 (0xFFA2948A)
YUV	151.0460, -6.4317, 9.6067
Hunter-Lab	55.4042, -0.0538, 8.4077

Details

The XYZ color **30.0776, 30.6962, 28.3844** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.2308, 30.4675, 38.5754**, and the grayscale version is **29.4590, 30.9931, 33.7515**.

A 20% lighter version of the original color is **59.1398, 60.7544, 57.9000**, and **12.4666, 12.5690, 11.0015** is the 20% darker color. If you saturate the color by 10%, you get **27.5694, 27.4187, 22.1870**, and if you desaturate by 10%, it is **32.8834, 34.2883, 35.5449**.

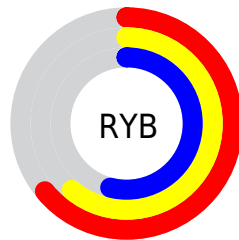
Distribution



Red (64%)

Green (58%)

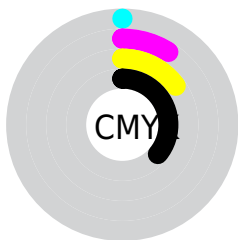
Blue (54%)



Red (64%)

Yellow (61%)

Blue (54%)

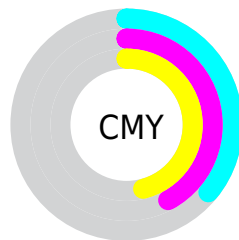


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0776, 30.6962, 28.3844 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 30.0776, 30.6962, 28.3844 by changing the saturation by 10% instead.

■ 30.0776, 30.6962,
28.3844

■ 30.0776, 30.6962,
28.3844

294.1693,
305.1363, 308.2687

■ 20.0459, 20.3676,
18.3741

■ 59.1707, 60.7614,
58.1280

■ 12.5368, 12.6626,
11.0467

■ 78.9627, 81.2669,
78.6984

■ 7.1852, 7.1966,
5.9837

■ 102.7389,
105.9335, 103.6259

■ 3.6255, 3.5854,
2.7665

130.8645,
135.1455, 133.3290

■ 1.4926, 1.4444,
0.9767

163.7051,
169.2874, 168.2263

■ 0.3208, 0.2491,
0.0000

201.6258,

■ 0.0000, 0.0000,

208.7436, 208.7364

0.0000

244.9921,
253.8984, 255.2776

■ 30.0776, 30.6962,
28.3844

■ 30.0776, 30.6962,
28.3844

■ 27.5694, 27.4187,
22.1870

■ 32.8834, 34.2883,
35.5449

■ 25.3458, 24.4430,
16.9092

■ 35.9944, 38.1995,
43.7056

■ 23.3962, 21.7611,
12.5069

■ 39.4208, 42.4392,
52.9040

■ 21.7087, 19.3632,
8.9316

■ 43.1718, 47.0151,
63.1751

■ 20.2699, 17.2389,
6.1301

■ 47.2561, 51.9348,
74.5524

■ 19.0655, 15.3769,
4.0428

■ 51.6820, 57.2056,
87.0676

■ 18.0791, 13.7650,
2.6013

■ 56.4576, 62.8345,
100.7514

■ 17.2912, 12.3895,
1.7213

■ 59.4946, 67.9900,
104.5954

■ 16.9388, 11.7583,
1.3768

■ 62.0985, 73.1978,
105.4634

Harmonies

Analogous

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



30.9101, 30.6962, 30.2070



30.0776, 30.6962, 28.3844



29.0212, 30.6962, 27.8797

Triad

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



30.0776, 30.6962, 28.3844



27.1700, 30.6962, 33.8686



30.3523, 30.6962, 38.5351

Complementary

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



30.0776, 30.6962, 28.3844



28.2308, 30.4675, 38.5754

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.



29.3310, 30.6962, 39.6561



30.0776, 30.6962, 28.3844



27.5076, 30.6962, 36.8594

Square

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



30.0776, 30.6962, 28.3844



27.3589, 30.6962, 30.9311



28.2922, 30.6962, 39.0250



31.0714, 30.6962, 36.0452

Rectangle

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



30.0776, 30.6962, 28.3844



28.3360, 30.6962, 28.3309



28.2922, 30.6962, 39.0250



30.0320, 30.6962, 39.0912

Sweetspot

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



30.0784, 30.6976, 28.3851



60.0953, 62.7522, 65.5600



29.6565, 28.1257, 33.5717



13.4091, 13.9823, 14.4963



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.0784, 30.6976, 28.3851



52.9378, 53.5652, 47.3653



32.0587, 34.6581, 29.0451



7.3050, 7.5484, 7.4521



13.3855, 9.3448, 1.0982



0.3274, 0.2887, 0.0385

Inverse Universe

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



28.2308, 30.4675, 38.5754



48.8839, 53.0597, 69.7212



26.3812, 26.7684, 37.9589



7.0275, 7.5139, 8.9830



8.3680, 8.5153, 28.1324



0.2210, 0.2692, 0.6062

Previews

White Background



This preview shows how the XYZ color 30.0776, 30.6962, 28.3844 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 30.0776, 30.6962, 28.3844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

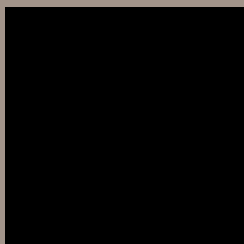
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

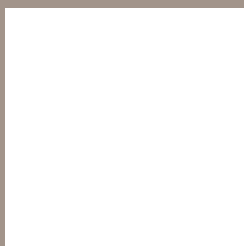
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0776, 30.6962, 28.3844

Background



This preview shows how black text looks on a background with the XYZ color 30.0776, 30.6962, 28.3844.



This preview shows how white text looks on a background with the XYZ color 30.0776, 30.6962,

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

30.0776, 30.6962, 28.3844

Protanopia

29.2768, 30.7447, 28.8174

Deuteranopia

31.1478, 30.5499, 28.6812



Tritanopia

31.5210, 30.5776, 36.1390

Trichromacy



Original Color

30.0776, 30.6962, 28.3844

Protanomaly

29.5082, 30.6281, 28.7827

Deuteranomaly

30.6650, 30.5288, 28.7025

Tritanomaly

30.8882, 30.5463, 33.1222

Monochromacy



Original Color

30.0776, 30.6962, 28.3844

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.6122, 30.8566, 31.5893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0776, 30.6962, 28.3844 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(162, 148, 138)` looks like.

```
.text, #text, p{  
    color:rgb(162, 148, 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(162, 148, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 148, 138) }
```

Border

The CSS property to change the border of an element to XYZ 30.0776, 30.6962, 28.3844 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(162, 148, 138) }
```


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

```
.border{ border-color:rgb(162, 148, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 148, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 148, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 148, 138);  
box-shadow:4px 4px 4px 4px rgb(162, 148,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0776, 30.6962, 28.3844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 148, 138) }
```

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

```
.background{ background-color: rgb(162,  
148, 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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