

Converting Colors

XYZ(29.1735, 29.0628, 30.1819)

Have a look what the booklet for
XYZ(29.1735, 29.0628, 30.1819)
contains.

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Color

**XYZ(29.0785, 28.9990,
30.0514)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8F8F
RGB	159, 143, 143
RGB Percent	62%, 56%, 56%
CMY	0.3765, 0.4392, 0.4392
CMYK	0.00, 0.10, 0.10, 0.38
HSL	0°, 8%, 59%
HSV	0°, 10%, 62%
XYZ	29.0785, 28.9990, 30.0514
YIQ	147.7840, 9.5360, 3.3920

Conversions

Conversions Part 2

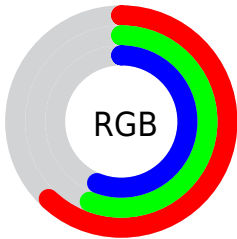
Format	Color
R_{YB}	159, 143, 143
Decimal	10456975
CIE _{Lab}	60.78, 5.96, 2.16
CIE _{LCh}	61, 6.340, 19.962
Yxy	28.9990, 0.3300, 0.3291
Android (android.graphics.Color)	4288647055 (0xFF9F8F8F)
YUV	147.7840, -2.3585, 9.8364
Hunter-Lab	53.8507, 2.1483, 4.6087

Details

The XYZ color **29.0785, 28.9990, 30.0514** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.9839, 33.1387, 37.6174**, and the grayscale version is **28.0657, 29.5273, 32.1553**.

A 20% lighter version of the original color is **57.7759, 58.2599, 61.0235**, and **11.9535, 11.7448, 11.9929** is the 20% darker color. If you saturate the color by 10%, you get **25.7387, 24.1122, 23.4107**, and if you desaturate by 10%, it is **32.9289, 34.6331, 37.7053**.

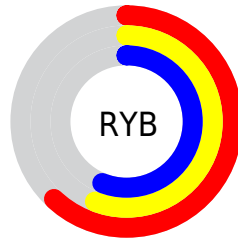
Distribution



Red (62%)

Green (56%)

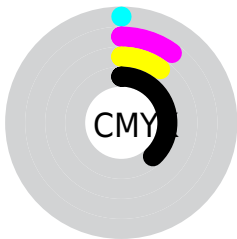
Blue (56%)



Red (62%)

Yellow (56%)

Blue (56%)

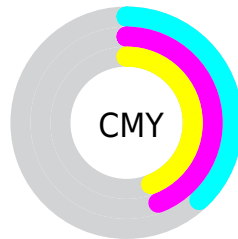


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (38%)



Cyan (38%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0785, 28.9990, 30.0514 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 29.0785, 28.9990, 30.0514 by changing the saturation by 10% instead.

■ 29.0785, 28.9990,
30.0514

■ 29.0785, 28.9990,
30.0514

289.5727,
297.2102, 316.3587

■ 19.2848, 19.0801,
19.6252

■ 57.5985, 58.0755,
60.8054

■ 11.9815, 11.7281,
11.9415

■ 77.0555, 78.0018,
81.9703

■ 6.8032, 6.5588,
6.5818

■ 100.4643,
102.0328, 107.5519

■ 3.3845, 3.1878,
3.1275

128.1902,
130.5527, 137.9687

■ 1.3602, 1.2305,
1.1601

160.5987,
163.9460, 173.6393

■ 0.2276, 0.0864,
0.0000

198.0550,

■ 0.0000, 0.0000,

202.5971, 214.9821

0.0000

240.9245,
246.8904, 262.4157

■ 29.0785, 28.9990,
30.0514

■ 29.0785, 28.9990,
30.0514

■ 25.7387, 24.1122,
23.4107

■ 32.9289, 34.6331,
37.7053

■ 22.8858, 19.9376,
17.7391

■ 37.3075, 41.0400,
46.4104

■ 20.4978, 16.4433,
12.9918

■ 42.2340, 48.2488,
56.2051

■ 18.5501, 13.5932,
9.1199

■ 47.7266, 56.2856,
67.1251

■ 17.0158, 11.3480,
6.0699

■ 53.8024, 65.1758,
79.2048

■ 15.8650, 9.6640,
3.7824

■ 60.4779, 74.9435,
92.4767

■ 15.0640, 8.4918,
2.1904

■ 67.7688, 85.6117,
106.9725

■ 14.5730, 7.7732,
1.2147

■ 68.1083, 86.1110,
107.6391

■ 14.2986, 7.3716,
0.6692

Harmonies

Analogous

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



29.1521, 28.9990, 32.3723



29.0785, 28.9990, 30.0514



28.5943, 28.9990, 28.2275

Triad

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



29.0785, 28.9990, 30.0514



26.3676, 28.9990, 28.7457



27.2875, 28.9990, 36.2560

Complementary

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



29.0785, 28.9990, 30.0514



29.9839, 33.1387, 37.6174

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.



26.5562, 28.9990, 35.1771



29.0785, 28.9990, 30.0514



26.0321, 28.9990, 30.7909

Square

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



29.0785, 28.9990, 30.0514



27.0254, 28.9990, 27.5001



26.1005, 28.9990, 33.1492



28.1070, 28.9990, 36.0338

Rectangle

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



29.0785, 28.9990, 30.0514



28.1090, 28.9990, 27.5019



26.1005, 28.9990, 33.1492



27.0235, 28.9990, 36.0315

Sweetspot

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



29.0793, 29.0003, 30.0520



56.8098, 58.8603, 63.2274



30.3790, 29.5195, 36.8980



12.6837, 13.0886, 14.0080



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.



29.0793, 29.0003, 30.0520



50.7062, 49.9293, 51.0930



30.3231, 31.4878, 30.4666



6.6332, 6.6463, 6.9189



11.2933, 5.8223, 0.5286



0.2020, 0.1041, 0.0095

Inverse Universe

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



29.9839, 33.1387, 37.6174



52.6462, 58.8053, 67.3193



28.6528, 30.4765, 37.1738



6.8218, 7.5093, 8.4966



14.7318, 21.5551, 29.2913



0.2634, 0.3855, 0.5237

Previews

White Background



This preview shows how the XYZ color 29.0785, 28.9990, 30.0514 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 29.0785, 28.9990, 30.0514 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

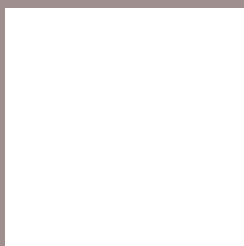
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0785, 28.9990, 30.0514

Background



This preview shows how black text looks on a background with the XYZ color 29.0785, 28.9990, 30.0514.



This preview shows how white text looks on a background with the XYZ color 29.0785, 28.9990,

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

29.0785, 28.9990, 30.0514

Protanopia

27.9674, 29.0861, 30.9282

Deuteranopia

29.5312, 29.0106, 30.0297



Tritanopia

29.9200, 29.1195, 34.1807

Trichromacy



Original Color

29.0785, 28.9990, 30.0514

Protanomaly

28.2963, 29.0367, 30.4988

Deuteranomaly

29.3289, 28.9062, 30.0203

Tritanomaly

29.5950, 28.9895, 32.4695

Monochromacy



Original Color

29.0785, 28.9990, 30.0514

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.4161, 29.3085, 31.3535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0785, 28.9990, 30.0514 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, 143, 143) looks like.

```
.text, #text, p{  
    color:rgb(159, 143, 143)  
}
```

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, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 143, 143) }
```

Border

The CSS property to change the border of an element to XYZ 29.0785, 28.9990, 30.0514 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, 143, 143) }
```


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

```
.border{ border-color:rgb(159, 143, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 143, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 143, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 143, 143);  
box-shadow:4px 4px 4px 4px rgb(159, 143,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0785, 28.9990, 30.0514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 143, 143) }
```

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

```
.background{ background-color: rgb(159,  
143, 143) }
```

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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