

Converting Colors

XYZ(28.9888, 29.1590, 30.8883)

Have a look what the booklet for
XYZ(28.9888, 29.1590, 30.8883)
contains.

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Color

**XYZ(28.9887, 29.1590,
30.8884)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9091
RGB	157, 144, 145
RGB Percent	62%, 56%, 57%
CMY	0.3843, 0.4353, 0.4314
CMYK	0.00, 0.08, 0.08, 0.38
HSL	355°, 6%, 59%
HSV	355°, 8%, 62%
XYZ	28.9887, 29.1590, 30.8884
YIQ	148.0010, 7.4270, 3.0670

Conversions

Conversions Part 2

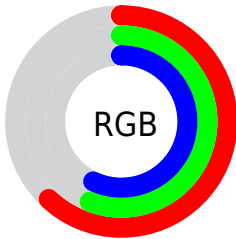
Format	Color
RYB	157, 144, 145
Decimal	10326161
CIELab	60.92, 5.00, 1.21
CIElCh	61, 5.148, 13.588
Yxy	29.1590, 0.3256, 0.3275
Android (android.graphics.Color)	4288516241 (0xFF9D9091)
YUV	148.0010, -1.4795, 7.8921
Hunter-Lab	53.9991, 1.3270, 3.8845

Details

The XYZ color **28.9887, 29.1590, 30.8884** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.5604, 32.4442, 36.1585**, and the grayscale version is **28.1532, 29.6194, 32.2555**.

A 20% lighter version of the original color is **57.6543, 58.5087, 62.2874**, and **12.0121, 11.8958, 12.4895** is the 20% darker color. If you saturate the color by 10%, you get **25.7269, 24.3112, 24.6339**, and if you desaturate by 10%, it is **32.7255, 34.7278, 38.0057**.

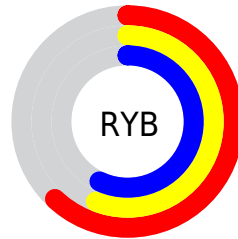
Distribution



Red (62%)

Green (56%)

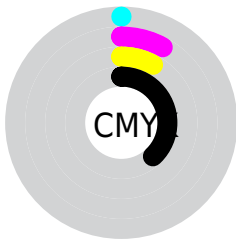
Blue (57%)



Red (62%)

Yellow (56%)

Blue (57%)

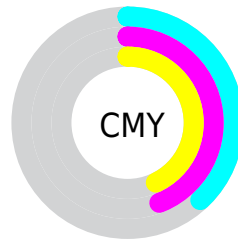


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (38%)



Cyan (38%)

Magenta (44%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9887, 29.1590, 30.8884 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 28.9887, 29.1590, 30.8884 by changing the saturation by 10% instead.

■ 28.9887, 29.1590,
30.8884

■ 28.9887, 29.1590,
30.8884

289.1568,
297.9644, 320.3591

■ 19.2165, 19.2011,
20.2561

■ 57.4568, 58.3296,
62.1418

■ 11.9318, 11.8157,
12.3954

■ 76.8835, 78.3111,
83.6001

■ 6.7691, 6.6183,
6.8878

100.2590,
102.4027, 109.5041

■ 3.3632, 3.2246,
3.3146

127.9487,
130.9886, 140.2724

■ 1.3486, 1.2501,
1.2575

160.3180,
164.4534, 176.3235

■ 0.2191, 0.1020,
0.0265

197.7322,

■ 0.0000, 0.0000,

203.1814, 218.0759

0.0000

240.5567,
247.5569, 265.9483

■ 28.9887, 29.1590,
30.8884

■ 28.9887, 29.1590,
30.8884

■ 25.7269, 24.3112,
24.6339

■ 32.7255, 34.7278,
38.0057

■ 22.9187, 20.1514,
19.2075

■ 36.9528, 41.0414,
46.0148

■ 20.5448, 16.6495,
14.5750

■ 41.6882, 48.1272,
54.9458

■ 18.5833, 13.7718,
10.6993

■ 46.9478, 56.0101,
64.8268

■ 17.0109, 11.4816,
7.5401

■ 52.7471, 64.7138,
75.6846

■ 15.8013, 9.7384,
5.0533

■ 59.1009, 74.2612,
87.5450

■ 14.9256, 8.4965,
3.1901

■ 66.0233, 84.6740,
100.4330

■ 14.3498, 7.7028,
1.8951

■ 67.7147, 85.9082,
107.6207

■ 14.0170, 7.2600,
1.0974

Harmonies

Analogous

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



28.9717, 29.1590, 32.8054



28.9887, 29.1590, 30.8884



28.6604, 29.1590, 29.2675

Triad

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



28.9887, 29.1590, 30.8884



26.8341, 29.1590, 29.1457



27.3516, 29.1590, 35.4297

Complementary

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



28.9887, 29.1590, 30.8884



29.5604, 32.4442, 36.1585

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.



26.7901, 29.1590, 34.3673



28.9887, 29.1590, 30.8884



26.4947, 29.1590, 30.7159

Square

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



28.9887, 29.1590, 30.8884



27.4125, 29.1590, 28.2891



26.4787, 29.1590, 32.6258



28.0192, 29.1590, 35.4805

Rectangle

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



28.9887, 29.1590, 30.8884



28.2930, 29.1590, 28.5515



26.4787, 29.1590, 32.6258



27.1444, 29.1590, 35.1772

Sweetspot

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



28.9895, 29.1603, 30.8890



55.9902, 58.2899, 63.0865



29.7541, 29.4418, 36.0131



12.3387, 12.8538, 13.9169



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



28.9895, 29.1603, 30.8890



50.7337, 50.4621, 53.0563



29.7530, 30.8097, 30.7659



6.6527, 6.6540, 7.0222



11.3532, 5.8459, 0.8452



0.2084, 0.1067, 0.0433

Inverse Universe

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



28.9895, 29.1603, 30.8890



50.7337, 50.4621, 53.0563



28.7492, 30.6861, 36.3063



6.6527, 6.6540, 7.0222



11.3532, 5.8459, 0.8452



0.2084, 0.1067, 0.0433

Previews

White Background



This preview shows how the XYZ color 28.9887, 29.1590, 30.8884 looks on a white background.

Color Contrast Check

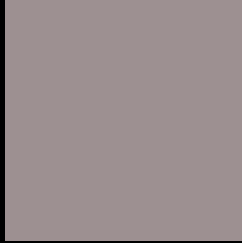
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9887, 29.1590, 30.8884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

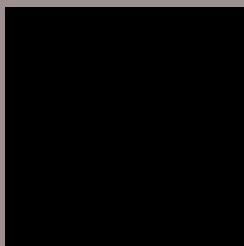
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

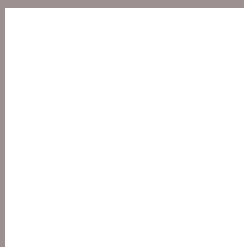
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.9887, 29.1590, 30.8884

Background



This preview shows how black text looks on a background with the XYZ color 28.9887, 29.1590, 30.8884.



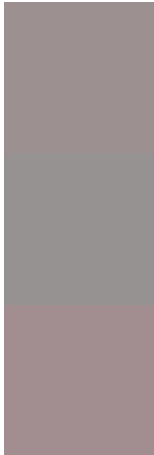
This preview shows how white text looks on a background with the XYZ color 28.9887, 29.1590,

30.8884.

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

28.9887, 29.1590, 30.8884

Protanopia

28.0449, 29.1171, 31.3362

Deuteranopia

29.6841, 29.0717, 30.8349



Tritanopia

29.7557, 29.2471, 34.6488

Trichromacy



Original Color

28.9887, 29.1590, 30.8884

Protanomaly

28.4506, 29.0984, 31.3112

Deuteranomaly

29.4305, 29.1628, 30.8659

Tritanomaly

29.5089, 29.1484, 33.3491

Monochromacy



Original Color

28.9887, 29.1590, 30.8884

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.4627, 29.5533, 31.8080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9887, 29.1590, 30.8884 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(157, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(157, 144, 145)  
}
```

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(157, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 144, 145) }
```

Border

The CSS property to change the border of an element to XYZ 28.9887, 29.1590, 30.8884 is called "border". The border property can be set on classes, ids or directly on the HTML element.

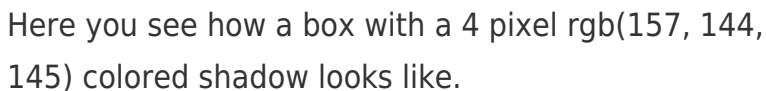
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 144, 145) }
```


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

```
.border{ border-color:rgb(157, 144, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 144, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 144, 145); box-shadow:4px 4px 4px 4px rgb(157, 144, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9887, 29.1590, 30.8884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 144, 145) }
```

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

```
.background{ background-color: rgb(157,  
144, 145) }
```

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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