

Converting Colors

XYZ(29.3424, 28.8772, 29.5458)

Have a look what the booklet for
XYZ(29.3424, 28.8772, 29.5458)
contains.

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Color

**XYZ(29.4558, 28.9804,
29.6325)**

Conversions

Conversions Part 1

Format	Color
Hex	A28E8E
RGB	162, 142, 142
RGB Percent	64%, 56%, 56%
CMY	0.3647, 0.4431, 0.4431
CMYK	0.00, 0.12, 0.12, 0.36
HSL	0°, 10%, 60%
HSV	0°, 12%, 64%
XYZ	29.4558, 28.9804, 29.6325
YIQ	147.9800, 11.9200, 4.2400

Conversions

Conversions Part 2

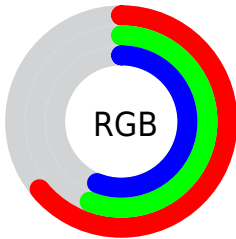
Format	Color
RYB	162, 142, 142
Decimal	10653326
CIELab	60.76, 7.48, 2.74
CIELCh	61, 7.968, 20.144
Yxy	28.9804, 0.3345, 0.3291
Android (android.graphics.Color)	4288843406 (0xFFA28E8E)
YUV	147.9800, -2.9481, 12.2955
Hunter-Lab	53.8334, 3.4605, 5.0474

Details

The XYZ color **29.4558, 28.9804, 29.6325** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **30.5971, 34.1994, 39.1713**, and the grayscale version is **28.1491, 29.6150, 32.2508**.

A 20% lighter version of the original color is **58.3190, 58.2171, 60.3878**, and **12.1893, 11.7420, 11.7492** is the 20% darker color. If you saturate the color by 10%, you get **26.0896, 24.0549, 22.9394**, and if you desaturate by 10%, it is **33.3506, 34.6796, 37.3747**.

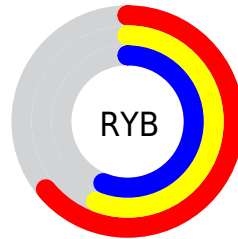
Distribution



Red (64%)

Green (56%)

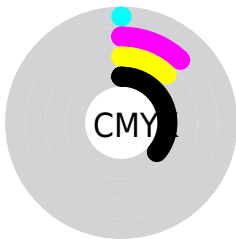
Blue (56%)



Red (64%)

Yellow (56%)

Blue (56%)

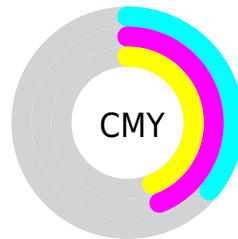


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (36%)



Cyan (36%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4558, 28.9804, 29.6325 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 29.4558, 28.9804, 29.6325 by changing the saturation by 10% instead.

■ 29.4558, 28.9804,
29.6325

■ 29.4558, 28.9804,
29.6325

291.3151,
297.1225, 314.3415

■ 19.5719, 19.0660,
19.3101

■ 58.1930, 58.0459,
60.1346

■ 12.1907, 11.7180,
11.7155

■ 77.7771, 77.9659,
81.1515

■ 6.9468, 6.5519,
6.4301

■ 101.3253,
101.9898, 106.5702

■ 3.4749, 3.1835,
3.0353

129.2029,
130.5020, 136.8094

■ 1.4096, 1.2283,
1.1127

161.7753,
163.8870, 172.2876

■ 0.2630, 0.0846,
0.0000

199.4079,

■ 0.0000, 0.0000,

202.5292, 213.4233

0.0000

242.4661,
246.8128, 260.6351

■ 29.4558, 28.9804,
29.6325

■ 29.4558, 28.9804,
29.6325

■ 26.0896, 24.0549,
22.9394

■ 33.3506, 34.6796,
37.3747

■ 23.2270, 19.8662,
17.2486

■ 37.7929, 41.1798,
46.2064

■ 20.8445, 16.3799,
12.5123

■ 42.8036, 48.5116,
56.1682

■ 18.9159, 13.5578,
8.6783

■ 48.4018, 56.7030,
67.2980

■ 17.4123, 11.3575,
5.6895

■ 54.6056, 65.7806,
79.6320

■ 16.3017, 9.7323,
3.4819

■ 61.4324, 75.7698,
93.2048

■ 15.5474, 8.6284,
1.9827

■ 68.7104, 86.4215,
107.6673

■ 15.1059, 7.9823,
1.1054

■ 14.9007, 7.6820,
0.6974

Harmonies

Analogous

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



29.5525, 28.9804, 32.5404



29.4558, 28.9804, 29.6325



28.8401, 28.9804, 27.3789

Triad

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



29.4558, 28.9804, 29.6325



26.0455, 28.9804, 28.0415



27.2058, 28.9804, 37.5094

Complementary

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



29.4558, 28.9804, 29.6325



30.5971, 34.1994, 39.1713

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.



26.2893, 28.9804, 36.1350



29.4558, 28.9804, 29.6325



25.6306, 28.9804, 30.5892

Square

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



29.4558, 28.9804, 29.6325



26.8654, 28.9804, 26.5009



25.7187, 28.9804, 33.5583



28.2360, 28.9804, 37.2134

Rectangle

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



29.4558, 28.9804, 29.6325



28.2265, 28.9804, 26.4922



25.7187, 28.9804, 33.5583



26.8746, 28.9804, 37.2243

Sweetspot

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



29.4566, 28.9817, 29.6331



59.2517, 61.0651, 65.2788



31.0953, 29.6364, 38.2643



13.1875, 13.5391, 14.4224



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.



29.4566, 28.9817, 29.6331



51.5814, 49.8414, 50.0297



31.0114, 32.0913, 30.1514



7.0739, 7.0861, 7.3750



11.7391, 6.0521, 0.5494



0.2467, 0.1272, 0.0116

Inverse Universe

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



30.5971, 34.1994, 39.1713



54.0942, 61.3373, 71.0443



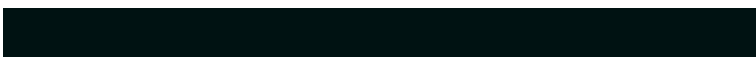
28.9056, 30.8163, 38.6074



7.2760, 8.0111, 9.0659



15.3136, 22.4066, 30.4476



0.3218, 0.4709, 0.6398

Previews

White Background



This preview shows how the XYZ color 29.4558, 28.9804, 29.6325 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 29.4558, 28.9804, 29.6325 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 29.4558, 28.9804, 29.6325

Background



This preview shows how black text looks on a background with the XYZ color 29.4558, 28.9804, 29.6325.



This preview shows how white text looks on a background with the XYZ color 29.4558, 28.9804,

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

29.4558, 28.9804, 29.6325

Protanopia

27.8906, 29.0554, 30.5238

Deuteranopia

29.6597, 29.0855, 29.6420



Tritanopia

30.2966, 29.1033, 33.7265

Trichromacy



Original Color

29.4558, 28.9804, 29.6325

Protanomaly

28.4098, 29.1040, 30.1069

Deuteranomaly

29.6597, 29.0855, 29.6420

Tritanomaly

29.9744, 28.9744, 32.0298

Monochromacy



Original Color

29.4558, 28.9804, 29.6325

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.6041, 29.4054, 31.3623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4558, 28.9804, 29.6325 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, 142, 142)` looks like.

```
.text, #text, p{  
    color:rgb(162, 142, 142)  
}
```

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, 142, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 142, 142) }
```

Border

The CSS property to change the border of an element to XYZ 29.4558, 28.9804, 29.6325 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, 142, 142) }
```


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

```
.border{ border-color:rgb(162, 142, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 142, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 142, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 142, 142);  
box-shadow:4px 4px 4px 4px rgb(162, 142,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4558, 28.9804, 29.6325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 142, 142) }
```

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

```
.background{ background-color: rgb(162,  
142, 142) }
```

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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