

Converting Colors

XYZ(29.2335, 28.8915, 28.4619)

Have a look what the booklet for
XYZ(29.2335, 28.8915, 28.4619)
contains.

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Color

**XYZ(29.2335, 28.8915,
28.4619)**

Conversions

Conversions Part 1

Format	Color
Hex	A28E8B
RGB	162, 142, 139
RGB Percent	64%, 56%, 55%
CMY	0.3647, 0.4431, 0.4549
CMYK	0.00, 0.12, 0.14, 0.36
HSL	8°, 11%, 59%
HSV	8°, 14%, 64%
XYZ	29.2335, 28.8915, 28.4619
YIQ	147.6380, 12.8830, 3.3070

Conversions

Conversions Part 2

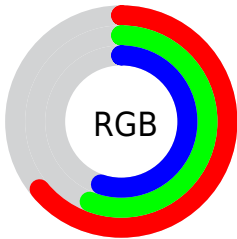
Format	Color
R_{YB}	162, 142, 139
Decimal	10653323
CIE _{Lab}	60.69, 6.97, 4.34
CIE _{LCh}	61, 8.206, 31.913
Yxy	28.8915, 0.3376, 0.3337
Android (android.graphics.Color)	4288843403 (0xFFA28E8B)
YUV	147.6380, -4.2585, 12.5955
Hunter-Lab	53.7508, 3.0170, 6.2306

Details

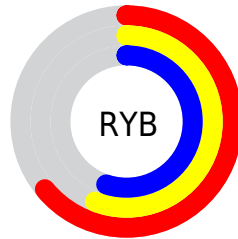
The XYZ color **29.2335, 28.8915, 28.4619** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.5669, 32.8931, 38.9733**, and the grayscale version is **28.0117, 29.4705, 32.0933**.

A 20% lighter version of the original color is **57.8696, 58.0373, 58.0214**, and **12.0607, 11.6906, 11.0720** is the 20% darker color. If you saturate the color by 10%, you get **26.1718, 24.5239, 22.0278**, and if you desaturate by 10%, it is **32.7371, 33.8615, 35.9094**.

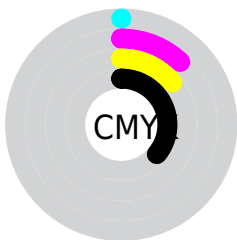
Distribution



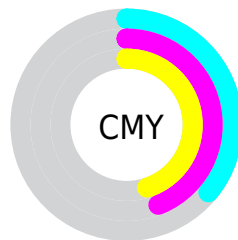
- Red (64%)
- Green (56%)
- Blue (55%)



- Red (64%)
- Yellow (56%)
- Blue (55%)



- Cyan (0%)
- Magenta (12%)
- Yellow (14%)
- Black (36%)



- Cyan (36%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2335, 28.8915, 28.4619 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 29.2335, 28.8915, 28.4619 by changing the saturation by 10% instead.

■ 29.2335, 28.8915,
28.4619

■ 29.2335, 28.8915,
28.4619

290.2895,
296.7027, 308.6486

■ 19.4027, 18.9988,
18.4321

■ 57.8429, 57.9047,
58.2530

■ 12.0673, 11.6694,
11.0880

■ 77.3521, 77.7939,
78.8513

■ 6.8621, 6.5190,
6.0111

■ 100.8183,
101.7840, 103.8096

■ 3.4216, 3.1631,
2.7830

128.6066,
130.2595, 133.5463

■ 1.3804, 1.2175,
0.9849

161.0826,
163.6047, 168.4800

■ 0.2422, 0.0759,
0.0000

198.6115,

■ 0.0000, 0.0000,

202.2040, 209.0293

0.0000

241.5586,
246.4419, 255.6126

■ 29.2335, 28.8915,
28.4619

■ 29.2335, 28.8915,
28.4619

■ 26.1718, 24.5239,
22.0278

■ 32.7371, 33.8615,
35.9094

■ 23.5320, 20.7320,
16.5615

■ 36.6967, 39.4516,
44.4096

■ 21.2962, 17.4929,
12.0166

■ 41.1288, 45.6835,
54.0019

■ 19.4443, 14.7808,
8.3422

■ 46.0482, 52.5767,
64.7231

■ 17.9545, 12.5676,
5.4826

■ 51.4694, 60.1499,
76.6084

■ 16.8025, 10.8227,
3.3752

■ 57.4059, 68.4211,
89.6913

■ 15.9613, 9.5121,
1.9488

■ 63.8710, 77.4076,
104.0041

■ 15.3993, 8.5969,
1.1177

■ 68.6090, 86.2186,
107.6335

■ 15.1714, 8.2234,
0.7877

■ 68.7104, 86.4214,
107.6673

Harmonies

Analogous

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



29.5558, 28.8915, 31.2628



29.2335, 28.8915, 28.4619



28.4347, 28.8915, 26.5680

Triad

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



29.2335, 28.8915, 28.4619



25.6953, 28.8915, 28.7799



27.5288, 28.8915, 37.6829

Complementary

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



29.2335, 28.8915, 28.4619



29.5669, 32.8931, 38.9733

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.



26.5088, 28.8915, 36.9138



29.2335, 28.8915, 28.4619



25.4666, 28.8915, 31.6539

Square

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



29.2335, 28.8915, 28.4619



26.3934, 28.8915, 26.7431



25.7607, 28.8915, 34.6572



28.5560, 28.8915, 36.6967

Rectangle

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



29.2335, 28.8915, 28.4619



27.7492, 28.8915, 26.0077



25.7607, 28.8915, 34.6572



27.1738, 28.8915, 37.6209

Sweetspot

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



29.2343, 28.8928, 28.4625



59.5138, 61.5891, 65.3661



30.4188, 28.6612, 36.8744



13.2562, 13.6766, 14.4453



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.



29.2343, 28.8928, 28.4625



51.2500, 49.8578, 47.8254



30.9821, 32.3883, 29.0451



7.1449, 7.2282, 7.3987



11.9714, 6.5166, 0.6269



0.2720, 0.1778, 0.0200

Inverse Universe

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



29.5669, 32.8931, 38.9733



51.9705, 58.5297, 70.6144



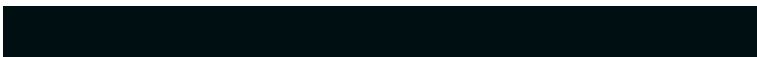
27.7306, 29.2203, 38.3612



7.1969, 7.8527, 9.0395



12.6462, 17.0719, 29.5585



0.2862, 0.3997, 0.6279

Previews

White Background



This preview shows how the XYZ color 29.2335, 28.8915, 28.4619 looks on a white background.

Color Contrast Check

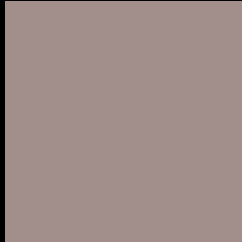
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2335, 28.8915, 28.4619 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

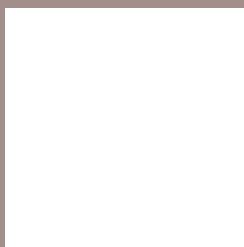
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2335, 28.8915, 28.4619

Background



This preview shows how black text looks on a background with the XYZ color 29.2335, 28.8915, 28.4619.



This preview shows how white text looks on a background with the XYZ color 29.2335, 28.8915,

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

29.2335, 28.8915, 28.4619

Protanopia

27.6643, 28.9649, 29.3320

Deuteranopia

29.2893, 28.7004, 28.4221



Tritanopia

30.2738, 28.8830, 33.2575

Trichromacy



Original Color

29.2335, 28.8915, 28.4619

Protanomaly

28.1854, 29.0143, 28.9257

Deuteranomaly

29.2893, 28.7004, 28.4221

Tritanomaly

29.8956, 28.9429, 31.6146

Monochromacy



Original Color

29.2335, 28.8915, 28.4619

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.5266, 29.3744, 30.9544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2335, 28.8915, 28.4619 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, 139) looks like.

```
.text, #text, p{  
    color:rgb(162, 142, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 142, 139) }
```

Border

The CSS property to change the border of an element to XYZ 29.2335, 28.8915, 28.4619 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, 139) }
```


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

```
.border{ border-color:rgb(162, 142, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 142, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 142, 139);  
box-shadow:4px 4px 4px 4px rgb(162, 142,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2335, 28.8915, 28.4619 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, 139) }
```

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

```
.background{ background-color: rgb(162,  
142, 139) }
```

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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