

Converting Colors

XYZ(29.1125, 28.1372, 29.1935)

Have a look what the booklet for
XYZ(29.1125, 28.1372, 29.1935)
contains.

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Color

**XYZ(29.1446, 28.1749,
29.1015)**

Conversions

Conversions Part 1

Format	Color
Hex	A38B8D
RGB	163, 139, 141
RGB Percent	64%, 55%, 55%
CMY	0.3608, 0.4549, 0.4471
CMYK	0.00, 0.15, 0.13, 0.36
HSL	355°, 12%, 59%
HSV	355°, 15%, 64%
XYZ	29.1446, 28.1749, 29.1015
YIQ	146.4040, 13.6620, 5.7100

Conversions

Conversions Part 2

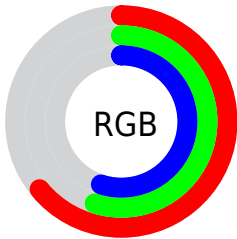
Format	Color
R_{YB}	163, 139, 141
Decimal	10718093
CIE _{Lab}	60.05, 9.38, 2.29
CIE _{LCh}	60, 9.654, 13.692
Yxy	28.1749, 0.3372, 0.3260
Android (android.graphics.Color)	4288908173 (0xFFA38B8D)
YUV	146.4040, -2.6642, 14.5547
Hunter-Lab	53.0800, 5.1188, 4.6499

Details

The XYZ color **29.1446, 28.1749, 29.1015** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **30.1788, 34.2572, 38.7417**, and the grayscale version is **27.4948, 28.9267, 31.5011**.

A 20% lighter version of the original color is **57.8337, 56.9855, 59.5809**, and **12.0163, 11.2796, 11.4414** is the 20% darker color. If you saturate the color by 10%, you get **25.9203, 23.3870, 22.9060**, and if you desaturate by 10%, it is **32.8725, 33.7291, 36.2057**.

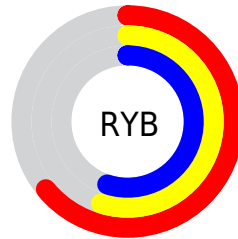
Distribution



Red (64%)

Green (55%)

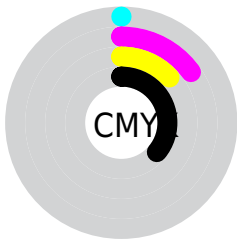
Blue (55%)



Red (64%)

Yellow (55%)

Blue (55%)

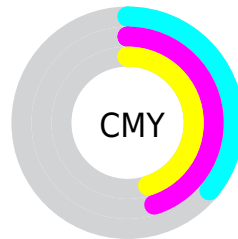


Cyan (0%)

Magenta (15%)

Yellow (13%)

Black (36%)



Cyan (36%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1446, 28.1749, 29.1015 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 29.1446, 28.1749, 29.1015 by changing the saturation by 10% instead.

■ 29.1446, 28.1749,
29.1015

■ 29.1446, 28.1749,
29.1015

289.8785,
293.3017, 311.7695

■ 19.3351, 18.4575,
18.9114

■ 57.7027, 56.7636,
59.2824

■ 12.0181, 11.2790,
11.4301

■ 77.1820, 76.4036,
80.1103

■ 6.8283, 6.2548,
6.2391

■ 100.6153,
100.1201, 105.3212

■ 3.4003, 3.0006,
2.9199

128.3679,
128.2973, 135.3336

■ 1.3688, 1.1321,
1.0539

160.8051,
161.3197, 170.5661

■ 0.2338, 0.0051,
0.0000

198.2924,

■ 0.0000, 0.0000,

199.5716, 211.4372

0.0000

241.1951,
243.4375, 258.3655

■ 29.1446, 28.1749,
29.1015

■ 29.1446, 28.1749,
29.1015

■ 25.9203, 23.3870,
22.9060

■ 32.8725, 33.7291,
36.2057

■ 23.1756, 19.3283,
17.5810

■ 37.1217, 40.0773,
44.2515

■ 20.8885, 15.9641,
13.0878

■ 41.9122, 47.2502,
53.2720

■ 19.0338, 13.2555,
9.3845

■ 47.2621, 55.2761,
63.2985

■ 17.5843, 11.1596,
6.4253

■ 53.1886, 64.1816,
74.3607

■ 16.5094, 9.6286,
4.1596

■ 59.7083, 73.9923,
86.4871

■ 15.7745, 8.6075,
2.5309

■ 66.8369, 84.7329,
99.7052

■ 15.3373, 8.0292,
1.4730

■ 68.9144, 86.5266,
107.6769

■ 15.1807, 7.8171,
1.1088

Harmonies

Analogous

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



29.1150, 28.1749, 32.6200



29.1446, 28.1749, 29.1015



28.5269, 28.1749, 26.2308

Triad

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



29.1446, 28.1749, 29.1015



25.1780, 28.1749, 26.0343



26.1205, 28.1749, 37.6516

Complementary

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



29.1446, 28.1749, 29.1015



30.1788, 34.2572, 38.7417

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.



25.1048, 28.1749, 35.6007



29.1446, 28.1749, 29.1015



24.5721, 28.1749, 28.8140

Square

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



29.1446, 28.1749, 29.1015



26.2232, 28.1749, 24.5538



24.5458, 28.1749, 32.3098



27.3434, 28.1749, 37.7434

Rectangle

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



29.1446, 28.1749, 29.1015



27.8418, 28.1749, 24.9954



24.5458, 28.1749, 32.3098



25.7444, 28.1749, 37.1617

Sweetspot

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



29.1454, 28.1762, 29.1021



59.3357, 61.0982, 65.7224



30.5422, 28.6880, 38.5782



13.2095, 13.5478, 14.5388



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.



29.1454, 28.1762, 29.1021



50.0086, 47.2080, 47.9267



30.5127, 31.1465, 28.8314



7.0966, 7.0951, 7.4951



11.8058, 6.0784, 0.9019



0.2548, 0.1304, 0.0544

Inverse Universe

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



29.1454, 28.1762, 29.1021



50.0086, 47.2080, 47.9267



28.6506, 30.9168, 39.1081



7.0966, 7.0951, 7.4951



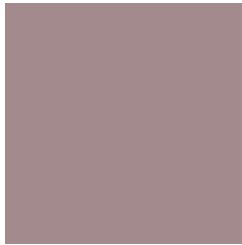
11.8058, 6.0784, 0.9019



0.2548, 0.1304, 0.0544

Previews

White Background



This preview shows how the XYZ color 29.1446, 28.1749, 29.1015 looks on a white background.

Color Contrast Check

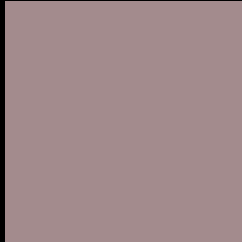
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1446, 28.1749, 29.1015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

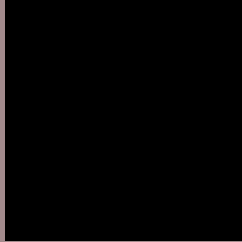
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.1446, 28.1749, 29.1015

Background



This preview shows how black text looks on a background with the XYZ color 29.1446, 28.1749, 29.1015.



This preview shows how white text looks on a background with the XYZ color 29.1446, 28.1749,

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

29.1446, 28.1749, 29.1015

Protanopia

27.2200, 28.2560, 30.4049

Deuteranopia

28.6830, 28.1528, 29.1216



Tritanopia

29.8231, 28.2394, 32.3127

Trichromacy



Original Color

29.1446, 28.1749, 29.1015

Protanomaly

27.7678, 28.1015, 29.9472

Deuteranomaly

28.8837, 28.2563, 29.1310

Tritanomaly

29.5866, 28.1448, 31.0672

Monochromacy



Original Color

29.1446, 28.1749, 29.1015

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.8054, 28.3339, 30.3891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1446, 28.1749, 29.1015 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(163, 139, 141)` looks like.

```
.text, #text, p{  
    color:rgb(163, 139, 141)  
}
```

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(163, 139, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 139, 141) }
```

Border

The CSS property to change the border of an element to XYZ 29.1446, 28.1749, 29.1015 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(163, 139, 141) }
```


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

```
.border{ border-color:rgb(163, 139, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 139, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 139, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 139, 141);  
box-shadow:4px 4px 4px 4px rgb(163, 139,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1446, 28.1749, 29.1015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 139, 141) }
```

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

```
.background{ background-color: rgb(163,  
139, 141) }
```

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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