

Converting Colors

XYZ(29.1868, 28.3208, 29.3775)

Have a look what the booklet for
XYZ(29.1868, 28.3208, 29.3775)
contains.

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Color

**XYZ(29.3648, 28.4957,
29.5437)**

Conversions

Conversions Part 1

Format	Color
Hex	A38C8E
RGB	163, 140, 142
RGB Percent	64%, 55%, 56%
CMY	0.3608, 0.4510, 0.4431
CMYK	0.00, 0.14, 0.13, 0.36
HSL	355°, 11%, 59%
HSV	355°, 14%, 64%
XYZ	29.3648, 28.4957, 29.5437
YIQ	147.1050, 13.0660, 5.4980

Conversions

Conversions Part 2

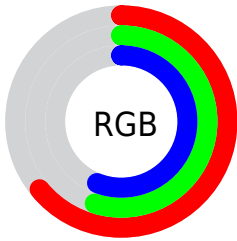
Format	Color
R _Y B	163, 140, 142
Decimal	10718350
CIE Lab	60.33, 8.99, 2.13
CIE LCh	60, 9.236, 13.343
Yxy	28.4957, 0.3360, 0.3260
Android (android.graphics.Color)	4288908430 (0xFFA38C8E)
YUV	147.1050, -2.5168, 13.9399
Hunter-Lab	53.3814, 4.7745, 4.5531

Details

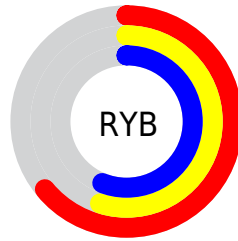
The XYZ color **29.3648, 28.4957, 29.5437** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **30.3465, 34.3437, 38.7494**, and the grayscale version is **27.7835, 29.2304, 31.8319**.

A 20% lighter version of the original color is **58.1690, 57.4745, 60.2524**, and **12.1435, 11.4645, 11.6981** is the 20% darker color. If you saturate the color by 10%, you get **26.1133, 23.6632, 23.3096**, and if you desaturate by 10%, it is **33.1200, 34.0961, 36.6827**.

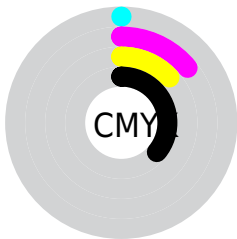
Distribution



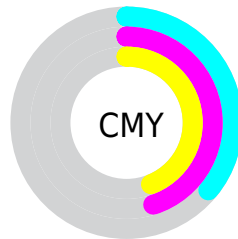
- Red (64%)
- Green (55%)
- Blue (56%)



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



- Cyan (0%)
- Magenta (14%)
- Yellow (13%)
- Black (36%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3648, 28.4957, 29.5437 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 29.3648, 28.4957, 29.5437 by changing the saturation by 10% instead.

■ 29.3648, 28.4957,
29.5437

■ 29.3648, 28.4957,
29.5437

290.8956,
294.8280, 313.9125

■ 19.5026, 18.6997,
19.2434

■ 58.0497, 57.2749,
59.9923

■ 12.1402, 11.4535,
11.6677

■ 77.6032, 77.0268,
80.9776

■ 6.9121, 6.3727,
6.3980

■ 101.1178,
100.8662, 106.3617

■ 3.4530, 3.0730,
3.0159

128.9590,
129.1773, 136.5631

■ 1.3976, 1.1700,
1.1028

161.4919,
162.3447, 172.0004

■ 0.2545, 0.0370,
0.0000

199.0821,

■ 0.0000, 0.0000,

200.7527, 213.0920

0.0000

242.0949,
244.7857, 260.2565

■ 29.3648, 28.4957,
29.5437

■ 29.3648, 28.4957,
29.5437

■ 26.1133, 23.6632,
23.3096

■ 33.1200, 34.0961,
36.6827

■ 23.3418, 19.5614,
17.9424

■ 37.3965, 40.4919,
44.7589

■ 21.0282, 16.1561,
13.4044

■ 42.2141, 47.7137,
53.8050

■ 19.1478, 13.4084,
9.6541

■ 47.5908, 55.7895,
63.8518

■ 17.6735, 11.2760,
6.6465

■ 53.5438, 64.7461,
74.9288

■ 16.5751, 9.7112,
4.3321

■ 60.0894, 74.6088,
87.0641

■ 15.8184, 8.6598,
2.6554

■ 67.2436, 85.4022,
100.2847

■ 15.3625, 8.0566,
1.5520

■ 68.9144, 86.5266,
107.6769

■ 15.1847, 7.8187,
1.1298

Harmonies

Analogous

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



29.3288, 28.4957, 32.9373



29.3648, 28.4957, 29.5437



28.7772, 28.4957, 26.7559

Triad

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



29.3648, 28.4957, 29.5437



25.5487, 28.4957, 26.5147



26.4358, 28.4957, 37.7154

Complementary

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



29.3648, 28.4957, 29.5437



30.3465, 34.3437, 38.7494

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.



25.4592, 28.4957, 35.7300



29.3648, 28.4957, 29.5437



24.9574, 28.4957, 29.1920

Square

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



29.3648, 28.4957, 29.5437



26.5613, 28.4957, 25.0951



24.9251, 28.4957, 32.5591



27.6141, 28.4957, 37.8268

Rectangle

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



29.3648, 28.4957, 29.5437



28.1206, 28.4957, 25.5475



24.9251, 28.4957, 32.5591



26.0738, 28.4957, 37.2388

Sweetspot

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



29.3656, 28.4970, 29.5443



59.3394, 61.0997, 65.7418



30.6273, 28.9477, 38.6238



13.2105, 13.5482, 14.5438



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.



29.3656, 28.4970, 29.5443



50.6270, 48.1126, 49.1569



30.6178, 31.2392, 29.2286



7.0976, 7.0955, 7.5003



11.8091, 6.0797, 0.9192



0.2552, 0.1306, 0.0563

Inverse Universe

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



29.3656, 28.4970, 29.5443



50.6270, 48.1126, 49.1569



28.9497, 31.2660, 39.1597



7.0976, 7.0955, 7.5003



11.8091, 6.0797, 0.9192



0.2552, 0.1306, 0.0563

Previews

White Background



This preview shows how the XYZ color 29.3648, 28.4957, 29.5437 looks on a white background.

Color Contrast Check

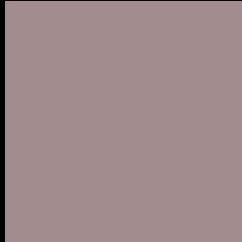
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3648, 28.4957, 29.5437 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 29.3648, 28.4957, 29.5437

Background



This preview shows how black text looks on a background with the XYZ color 29.3648, 28.4957, 29.5437.



This preview shows how white text looks on a background with the XYZ color 29.3648, 28.4957,

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

29.3648, 28.4957, 29.5437

Protanopia

27.4490, 28.5910, 30.8600

Deuteranopia

29.1053, 28.5798, 29.5736



Tritanopia

30.0475, 28.5598, 32.7831

Trichromacy



Original Color

29.3648, 28.4957, 29.5437

Protanomaly

27.9934, 28.4308, 30.3978

Deuteranomaly

29.3077, 28.6841, 29.5831

Tritanomaly

29.8089, 28.4643, 31.5268

Monochromacy



Original Color

29.3648, 28.4957, 29.5437

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.2210, 28.7632, 30.8525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3648, 28.4957, 29.5437 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, 140, 142)` looks like.

```
.text, #text, p{  
    color:rgb(163, 140, 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(163, 140, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 140, 142) }
```

Border

The CSS property to change the border of an element to XYZ 29.3648, 28.4957, 29.5437 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, 140, 142) }
```


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

```
.border{ border-color:rgb(163, 140, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 140, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 140, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 140, 142);  
box-shadow:4px 4px 4px 4px rgb(163, 140,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3648, 28.4957, 29.5437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 140, 142) }
```

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

```
.background{ background-color: rgb(163,  
140, 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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