

Converting Colors

XYZ(29.0495, 27.6457, 38.2156)

Have a look what the booklet for
XYZ(29.0495, 27.6457, 38.2156)
contains.

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Color

**XYZ(29.1276, 27.7542,
38.0043)**

Conversions

Conversions Part 1

Format	Color
Hex	9B8AA2
RGB	155, 138, 162
RGB Percent	61%, 54%, 64%
CMY	0.3922, 0.4588, 0.3647
CMYK	0.04, 0.15, 0.00, 0.36
HSL	282°, 11%, 59%
HSV	282°, 15%, 64%
XYZ	29.1276, 27.7542, 38.0043
YIQ	145.8190, 2.4280, 11.0680

Conversions

Conversions Part 2

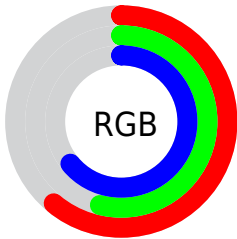
Format	Color
RYB	155, 138, 162
Decimal	10193570
CIELab	59.67, 10.95, -10.36
CIElCh	60, 15.075, 316.600
Yxy	27.7542, 0.3070, 0.2925
Android (android.graphics.Color)	4288383650 (0xFF9B8AA2)
YUV	145.8190, 7.9772, 8.0517
Hunter-Lab	52.6823, 6.4973, -5.8935

Details

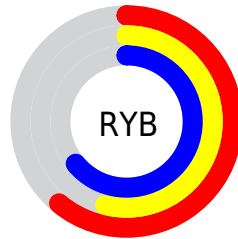
The XYZ color **29.1276, 27.7542, 38.0043** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.1860, 33.6961, 29.0120**, and the grayscale version is **27.2159, 28.6333, 31.1816**.

A 20% lighter version of the original color is **57.7335, 55.9730, 73.4066**, and **12.0131, 11.0483, 16.2512** is the 20% darker color. If you saturate the color by 10%, you get **26.0855, 22.9898, 37.2454**, and if you desaturate by 10%, it is **32.5535, 33.2327, 38.8816**.

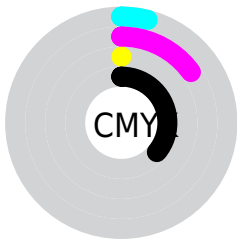
Distribution



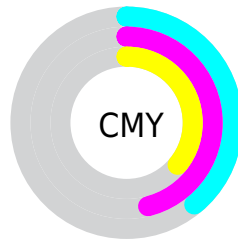
- Red (61%)
- Green (54%)
- Blue (64%)



- Red (61%)
- Yellow (54%)
- Blue (64%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (36%)



- Cyan (39%)
- Magenta (46%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1276, 27.7542, 38.0043 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 29.1276, 27.7542, 38.0043 by changing the saturation by 10% instead.

■ 29.1276, 27.7542,
38.0043

■ 29.1276, 27.7542,
38.0043

289.7999,
291.2905, 352.9372

■ 19.3221, 18.1405,
25.6842

■ 57.6759, 56.0918,
73.3182

■ 12.0087, 11.0509,
16.3639

■ 77.1495, 75.5844,
97.1491

■ 6.8218, 6.1011,
9.6249

■ 100.5764, 99.1387,
125.6540

■ 3.3963, 2.9066,
5.0486

128.3222,
127.1392, 159.2514

■ 1.3666, 1.0832,
2.2166

160.7520,
159.9703, 198.3599

■ 0.2322, 0.0000,
0.6839

198.2314,

■ 0.0000, 0.0000,

198.0162, 243.3980

0.0000

241.1255,
241.6615, 294.7842

■ 29.1276, 27.7542,
38.0043

■ 29.1276, 27.7542,
38.0043

■ 26.0855, 22.9898,
37.2454

■ 32.5535, 33.2327,
38.8816

■ 23.4091, 18.9050,
36.5981

■ 36.3756, 39.4506,
39.8803

■ 21.0823, 15.4681,
36.0573

■ 40.6085, 46.4363,
41.0056

■ 19.0869, 12.6430,
35.6172

■ 45.2654, 54.2157,
42.2618

■ 17.4029, 10.3904,
35.2711

■ 50.3591, 62.8135,
43.6528

■ 16.0077, 8.6659,
35.0118

■ 55.9015, 72.2533,
45.1828

■ 14.8758, 7.4189,
34.8308

■ 61.9042, 82.5576,
46.8553

■ 13.9753, 6.5866,
34.7176

■ 64.2245, 85.4406,
47.2895

■ 13.5583, 6.2362,
34.6719

■ 65.4471, 86.0709,
47.3467

Harmonies

Analogous

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



27.4384, 27.7542, 41.4120



29.1276, 27.7542, 38.0043



30.1003, 27.7542, 32.7130

Triad

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



29.1276, 27.7542, 38.0043



27.2364, 27.7542, 21.1313



23.0270, 27.7542, 33.3124

Complementary

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



29.1276, 27.7542, 38.0043



29.1860, 33.6961, 29.0120

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.



22.9787, 27.7542, 27.8562



29.1276, 27.7542, 38.0043



25.3482, 27.7542, 21.2508

Square

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



29.1276, 27.7542, 38.0043



28.9736, 27.7542, 23.2290



23.8100, 27.7542, 23.5779



23.9452, 27.7542, 38.4883

Rectangle

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



29.1276, 27.7542, 38.0043



30.1827, 27.7542, 29.0314



23.8100, 27.7542, 23.5779



22.9101, 27.7542, 31.4398

Sweetspot

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



29.1284, 27.7554, 38.0049



59.5845, 61.1163, 70.7123



27.1600, 28.3252, 38.2186



13.2745, 13.5523, 15.8537



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.



29.1284, 27.7554, 38.0049



50.8525, 47.1889, 68.4843



30.0925, 28.3008, 35.8651



7.1621, 7.0979, 8.8956



10.7257, 4.9358, 27.3172



0.2687, 0.1261, 0.5760

Inverse Universe

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



29.1006, 27.9040, 30.6419



50.8221, 47.5334, 52.2106



28.3454, 33.2218, 30.8270



7.1548, 7.1184, 7.8017



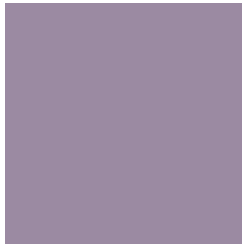
12.1639, 6.2216, 2.7879



0.2752, 0.1386, 0.1618

Previews

White Background



This preview shows how the XYZ color 29.1276, 27.7542, 38.0043 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 29.1276, 27.7542, 38.0043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

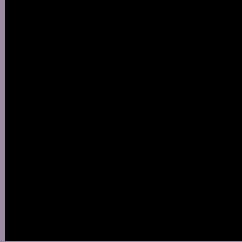
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.1276, 27.7542, 38.0043

Background



This preview shows how black text looks on a background with the XYZ color 29.1276, 27.7542, 38.0043.



This preview shows how white text looks on a background with the XYZ color 29.1276, 27.7542,

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

29.1276, 27.7542, 38.0043

Protanopia

27.4292, 27.9370, 39.5440

Deuteranopia

28.2941, 27.7544, 38.0483



Tritanopia

28.1009, 27.7628, 33.1558

Trichromacy



Original Color

29.1276, 27.7542, 38.0043

Protanomaly

27.9028, 27.7498, 39.0076

Deuteranomaly

28.5167, 27.6532, 38.0170

Tritanomaly

28.4754, 27.7018, 34.8565

Monochromacy



Original Color

29.1276, 27.7542, 38.0043

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.8844, 28.3015, 33.6988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1276, 27.7542, 38.0043 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(155, 138, 162)` looks like.

```
.text, #text, p{  
    color:rgb(155, 138, 162)  
}
```

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(155, 138, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 138, 162) }
```

Border

The CSS property to change the border of an element to XYZ 29.1276, 27.7542, 38.0043 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(155, 138, 162) }
```


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

```
.border{ border-color:rgb(155, 138, 162) }
```

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

Here you see how a box with a 4 pixel rgb(155, 138, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 138, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 138, 162);  
box-shadow:4px 4px 4px 4px rgb(155, 138,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1276, 27.7542, 38.0043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 138, 162) }
```

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

```
.background{ background-color: rgb(155,  
138, 162) }
```

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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