

Converting Colors

XYZ(29.1323, 27.7895, 40.6653)

Have a look what the booklet for
XYZ(29.1323, 27.7895, 40.6653)
contains.

| | |
|--|----|
| XYZ(29.1053, 27.6795, 40.8545) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(29.1053, 27.6795,
40.8545)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 988AA8 |
| RGB | 152, 138, 168 |
| RGB Percent | 60%, 54%, 66% |
| CMY | 0.4039, 0.4588, 0.3412 |
| CMYK | 0.10, 0.18, 0.00, 0.34 |
| HSL | 268°, 15%, 60% |
| HSV | 268°, 18%, 66% |
| XYZ | 29.1053, 27.6795, 40.8545 |
| YIQ | 145.6060, -1.2860, 12.2980 |

Conversions

Conversions Part 2

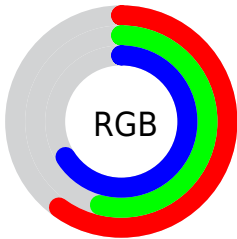
| Format | Color |
|-------------------------------------|--|
| RYB | 152, 138, 168 |
| Decimal | 9996968 |
| CIELab | 59.60, 11.16, -13.91 |
| CIELCh | 60, 17.834, 308.739 |
| Yxy | 27.6795, 0.2981, 0.2835 |
| Android (android.graphics.Color) | 4288187048 (0xFF988AA8) |
| YUV | 145.6060, 11.0402, 5.6075 |
| Hunter-Lab | 52.6113, 6.6789, -9.2128 |

Details

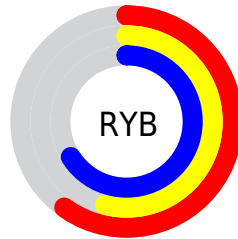
The XYZ color **29.1053, 27.6795, 40.8545** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **31.9174, 36.7110, 29.4497**, and the grayscale version is **27.1179, 28.5301, 31.0693**.

A 20% lighter version of the original color is **57.4037, 55.7111, 77.5399**, and **12.0089, 11.0071, 18.0146** is the 20% darker color. If you saturate the color by 10%, you get **25.2649, 22.3947, 40.0373**, and if you desaturate by 10%, it is **33.4469, 33.7776, 41.8032**.

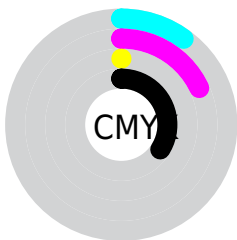
Distribution



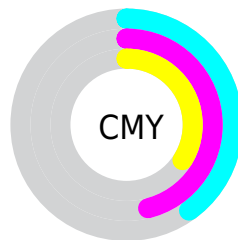
- Red (60%)
- Green (54%)
- Blue (66%)



- Red (60%)
- Yellow (54%)
- Blue (66%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (34%)



- Cyan (40%)
- Magenta (46%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1053, 27.6795, 40.8545 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 29.1053, 27.6795, 40.8545 by changing the saturation by 10% instead.

■ 29.1053, 27.6795,
40.8545

■ 29.1053, 27.6795,
40.8545

289.6967,
290.9323, 365.3707

■ 19.3052, 18.0842,
27.8866

■ 57.6407, 55.9723,
77.7142

■ 11.9963, 11.0105,
18.0019

■ 77.1068, 75.4387,
102.4431

■ 6.8133, 6.0739,
10.7819

■ 100.5255, 98.9641,
131.9294

■ 3.3909, 2.8901,
5.8080

128.2622,
126.9331, 166.5916

■ 1.3637, 1.0746,
2.6618

160.6824,
159.7300, 206.8483

■ 0.2301, 0.0000,
0.9241

198.1513,

■ 0.0000, 0.0000,

197.7393, 253.1181

0.0000

241.0343,
241.3452, 305.8194

■ 29.1053, 27.6795,
40.8545

■ 29.1053, 27.6795,
40.8545

■ 25.2649, 22.3947,
40.0373

■ 33.4469, 33.7776,
41.8032

■ 21.9034, 17.8842,
39.3438

■ 38.3059, 40.7189,
42.8869

■ 19.0003, 14.1107,
38.7685

■ 43.7009, 48.5361,
44.1114

■ 16.5325, 11.0326,
38.3044

■ 49.6485, 57.2588,
45.4816

■ 14.4748, 8.6040,
37.9441

■ 56.1648, 66.9156,
47.0021

12.7988, 6.7730,
37.6790

63.2651, 77.5335,
48.6773

11.4720, 5.4795,
37.4993

70.7713, 88.7525,
50.4472

10.4423, 4.6248,
37.3886

73.4707, 90.1441,
50.5735

10.2425, 4.4637,
37.3680

76.3164, 91.6111,
50.7067

Harmonies

Analogous

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



26.9703, 27.6795, 44.0942



29.1053, 27.6795, 40.8545



30.5430, 27.6795, 34.8506

Triad

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



29.1053, 27.6795, 40.8545



27.9062, 27.6795, 20.0167



22.2658, 27.6795, 32.0571

Complementary

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



29.1053, 27.6795, 40.8545



31.9174, 36.7110, 29.4497

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.



22.4847, 27.6795, 25.8711



29.1053, 27.6795, 40.8545



25.6577, 27.6795, 19.4897

Square

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



29.1053, 27.6795, 40.8545



29.8238, 27.6795, 23.0406



23.6969, 27.6795, 21.4818



23.0809, 27.6795, 38.5616

Rectangle

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



29.1053, 27.6795, 40.8545



30.8678, 27.6795, 30.4114



23.6969, 27.6795, 21.4818



22.2219, 27.6795, 29.8668

Sweetspot

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



29.1061, 27.6807, 40.8551



63.0352, 64.6194, 76.3756



29.1884, 31.5080, 41.5895



13.6134, 13.9056, 16.6187



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.1061, 27.6807, 40.8551



50.2546, 46.6794, 73.5864



31.9881, 29.1664, 40.9900



7.4521, 7.4657, 9.4666



7.7929, 3.4008, 28.2212



0.2490, 0.1134, 0.6894

Inverse Universe

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



31.0706, 28.8360, 34.5013



54.4658, 49.1570, 59.9285



29.3222, 35.3731, 29.3283



7.6920, 7.6067, 8.6955



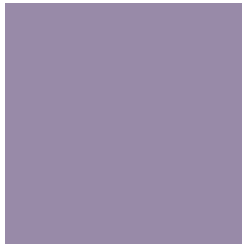
13.6017, 6.8494, 7.9799



0.3564, 0.1768, 0.3283

Previews

White Background



This preview shows how the XYZ color 29.1053, 27.6795, 40.8545 looks on a white background.

Color Contrast Check

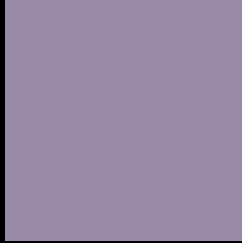
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1053, 27.6795, 40.8545 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 29.1053, 27.6795, 40.8545

Background



This preview shows how black text looks on a background with the XYZ color 29.1053, 27.6795, 40.8545.



This preview shows how white text looks on a background with the XYZ color 29.1053, 27.6795,

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

29.1053, 27.6795, 40.8545

Protanopia

27.5049, 27.6895, 42.4230

Deuteranopia

28.3000, 27.6943, 40.8998



Tritanopia

27.5868, 27.7063, 33.5996

Trichromacy



Original Color

29.1053, 27.6795, 40.8545

Protanomaly

28.1083, 27.7917, 41.9131

Deuteranomaly

28.5132, 27.5883, 40.8681

Tritanomaly

28.1273, 27.7088, 36.2136

Monochromacy



Original Color

29.1053, 27.6795, 40.8545

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.8679, 28.2739, 34.5605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1053, 27.6795, 40.8545 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(152, 138, 168)` looks like.

```
.text, #text, p{  
    color:rgb(152, 138, 168)  
}
```

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(152, 138, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 138, 168) }
```

Border

The CSS property to change the border of an element to XYZ 29.1053, 27.6795, 40.8545 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(152, 138, 168) }
```


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

```
.border{ border-color:rgb(152, 138, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 138, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 138, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 138, 168);  
box-shadow:4px 4px 4px 4px rgb(152, 138,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1053, 27.6795, 40.8545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 138, 168) }
```

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

```
.background{ background-color: rgb(152,  
138, 168) }
```

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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