

Converting Colors

XYZ(29.6483, 29.1103, 35.3504)

Have a look what the booklet for
XYZ(29.6483, 29.1103, 35.3504)
contains.

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Color

**XYZ(29.7278, 29.2133,
35.5244)**

Conversions

Conversions Part 1

Format	Color
Hex	9D8F9C
RGB	157, 143, 156
RGB Percent	62%, 56%, 61%
CMY	0.3843, 0.4392, 0.3882
CMYK	0.00, 0.09, 0.01, 0.38
HSL	304°, 7%, 59%
HSV	304°, 9%, 62%
XYZ	29.7278, 29.2133, 35.5244
YIQ	148.6680, 4.1710, 7.0110

Conversions

Conversions Part 2

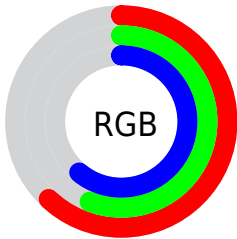
Format	Color
R_{YB}	157, 143, 156
Decimal	10325916
CIE Lab	60.97, 7.63, -4.98
CIE LCh	61, 9.115, 326.892
Yxy	29.2133, 0.3147, 0.3092
Android (android.graphics.Color)	4288515996 (0xFF9D8F9C)
YUV	148.6680, 3.6147, 7.3072
Hunter-Lab	54.0493, 3.5909, -1.1343

Details

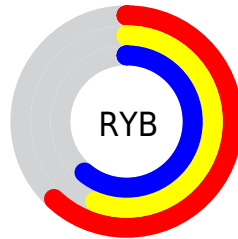
The XYZ color **29.7278, 29.2133, 35.5244** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.4198, 31.9679, 31.0595**, and the grayscale version is **28.4124, 29.8921, 32.5525**.

A 20% lighter version of the original color is **58.7505, 58.5827, 69.1839**, and **12.4080, 11.9128, 15.0100** is the 20% darker color. If you saturate the color by 10%, you get **27.4397, 24.7880, 34.2956**, and if you desaturate by 10%, it is **32.3483, 34.3012, 36.8690**.

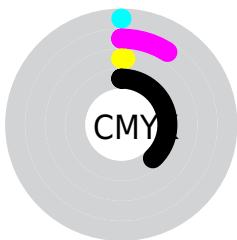
Distribution



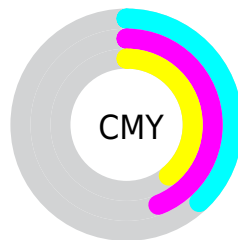
- Red (62%)
- Green (56%)
- Blue (61%)



- Red (62%)
- Yellow (56%)
- Blue (61%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (38%)



- Cyan (38%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7278, 29.2133, 35.5244 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 29.7278, 29.2133, 35.5244 by changing the saturation by 10% instead.

■ 29.7278, 29.2133,
35.5244

■ 29.7278, 29.2133,
35.5244

292.5662,
298.2200, 341.8513

■ 19.7791, 19.2422,
23.7803

■ 58.6210, 58.4158,
69.4581

■ 12.3419, 11.8454,
14.9601

■ 78.2963, 78.4160,
92.4848

■ 7.0508, 6.6385,
8.6450

■ 101.9445,
102.5281, 120.1095

■ 3.5405, 3.2371,
4.4168

129.9309,
131.1364, 152.7507

■ 1.4456, 1.2567,
1.8566

162.6209,
164.6254, 190.8269

■ 0.2884, 0.1073,
0.4649

200.3799,

■ 0.0000, 0.0000,

203.3794, 234.7568

0.0000

243.5732,
247.7828, 284.9587

■ 29.7278, 29.2133,
35.5244

■ 29.7278, 29.2133,
35.5244

■ 27.4397, 24.7880,
34.2956

■ 32.3483, 34.3012,
36.8690

■ 25.4679, 20.9943,
33.1763

■ 35.3116, 40.0736,
38.3318

■ 23.7986, 17.8042,
32.1620

■ 38.6306, 46.5561,
39.9176

■ 22.4162, 15.1865,
31.2477

■ 42.3168, 53.7717,
41.6301

■ 21.3035, 13.1067,
30.4276

■ 46.3814, 61.7425,
43.4732

■ 20.4415, 11.5270,
29.6953

■ 50.8348, 70.4896,
45.4502

■ 19.8087, 10.4045,
29.0437

■ 55.6873, 80.0333,
47.5646

■ 19.3803, 9.6892,
28.4644

■ 56.4539, 81.4038,
48.3215

■ 19.1044, 9.2776,
27.9402

■ 56.5564, 81.4448,
48.8615

Harmonies

Analogous

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



28.8144, 29.2133, 38.0192



29.7278, 29.2133, 35.5244



30.1148, 29.2133, 32.1650

Triad

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



29.7278, 29.2133, 35.5244



27.8906, 29.2133, 25.7023



25.7749, 29.2133, 34.8659

Complementary

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



29.7278, 29.2133, 35.5244



28.4198, 31.9679, 31.0595

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.



25.5433, 29.2133, 31.4542



29.7278, 29.2133, 35.5244



26.7441, 29.2133, 26.3136

Square

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



29.7278, 29.2133, 35.5244



29.0353, 29.2133, 26.6280



25.8932, 29.2133, 28.3609



26.5350, 29.2133, 37.6203

Rectangle

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



29.7278, 29.2133, 35.5244



30.0143, 29.2133, 29.9417



25.8932, 29.2133, 28.3609



25.6336, 29.2133, 33.7510

Sweetspot

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



29.7286, 29.2146, 35.5250



55.9152, 57.5094, 65.0056



27.3995, 28.0040, 35.8599



12.2235, 12.4987, 14.2630



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



29.7286, 29.2146, 35.5250



52.2476, 50.3964, 63.0977



29.1582, 28.9864, 32.5209



6.8837, 6.7464, 8.2387



15.4991, 7.5042, 22.6770



0.2826, 0.1364, 0.4343

Inverse Universe

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



29.7286, 29.2146, 35.5250



52.2476, 50.3964, 63.0977



28.9661, 32.1865, 33.9366



6.8837, 6.7464, 8.2387



15.4991, 7.5042, 22.6770



0.2826, 0.1364, 0.4343

Previews

White Background



This preview shows how the XYZ color 29.7278, 29.2133, 35.5244 looks on a white background.

Color Contrast Check

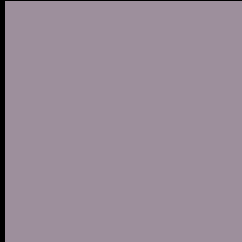
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7278, 29.2133, 35.5244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

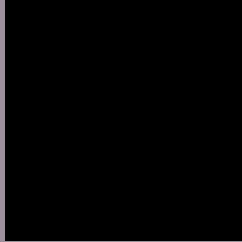
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.7278, 29.2133, 35.5244

Background



This preview shows how black text looks on a background with the XYZ color 29.7278, 29.2133, 35.5244.



This preview shows how white text looks on a background with the XYZ color 29.7278, 29.2133,

35.5244.

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

29.7278, 29.2133, 35.5244

Protanopia

28.4831, 29.2294, 36.4884

Deuteranopia

29.7278, 29.2133, 35.5244



Tritanopia

29.6435, 29.1796, 35.0802

Trichromacy



Original Color

29.7278, 29.2133, 35.5244

Protanomaly

28.9737, 29.2644, 36.0198

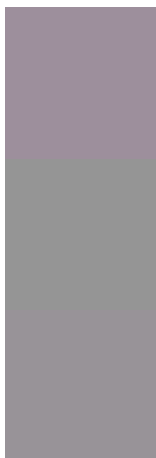
Deuteranomaly

29.7278, 29.2133, 35.5244

Tritanomaly

29.6435, 29.1796, 35.0802

Monochromacy



Original Color

29.7278, 29.2133, 35.5244

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.0501, 29.8098, 33.9285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7278, 29.2133, 35.5244 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(157, 143, 156)` looks like.

```
.text, #text, p{  
    color:rgb(157, 143, 156)  
}
```

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(157, 143, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 143, 156) }
```

Border

The CSS property to change the border of an element to XYZ 29.7278, 29.2133, 35.5244 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(157, 143, 156) }
```


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

```
.border{ border-color:rgb(157, 143, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 143, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 143, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 143, 156);  
box-shadow:4px 4px 4px 4px rgb(157, 143,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7278, 29.2133, 35.5244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 143, 156) }
```

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

```
.background{ background-color: rgb(157,  
143, 156) }
```

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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