

Converting Colors

XYZ(29.6571, 29.1228, 35.9999)

Have a look what the booklet for
XYZ(29.6571, 29.1228, 35.9999)
contains.

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Color

**XYZ(29.6186, 29.1472,
35.9632)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8F9D
RGB	156, 143, 157
RGB Percent	61%, 56%, 62%
CMY	0.3882, 0.4392, 0.3843
CMYK	0.01, 0.09, 0.00, 0.38
HSL	296°, 7%, 59%
HSV	296°, 9%, 62%
XYZ	29.6186, 29.1472, 35.9632
YIQ	148.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

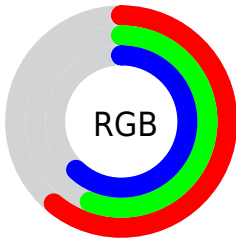
Format	Color
R_{YB}	156, 143, 157
Decimal	10260381
CIE Lab	60.91, 7.47, -5.64
CIE LCh	61, 9.362, 322.927
Yxy	29.1472, 0.3127, 0.3077
Android (android.graphics.Color)	4288450461 (0xFF9C8F9D)
YUV	148.4830, 4.1989, 6.5924
Hunter-Lab	53.9881, 3.4482, -1.7032

Details

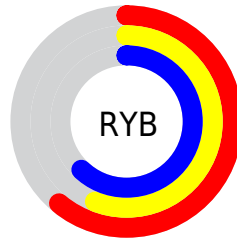
The XYZ color **29.6186, 29.1472, 35.9632** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.5176, 32.0272, 30.6669**, and the grayscale version is **28.3329, 29.8084, 32.4613**.

A 20% lighter version of the original color is **58.7139, 58.5349, 70.4912**, and **12.3416, 11.8726, 15.2768** is the 20% darker color. If you saturate the color by 10%, you get **27.2090, 24.6483, 35.2223**, and if you desaturate by 10%, it is **32.3617, 34.3094, 36.8155**.

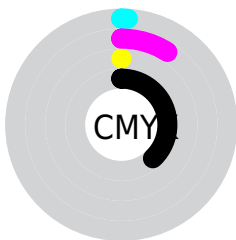
Distribution



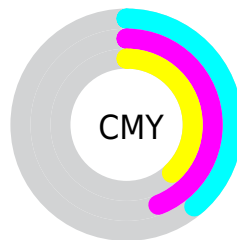
- Red (61%)
- Green (56%)
- Blue (62%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6186, 29.1472, 35.9632 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 29.6186, 29.1472, 35.9632 by changing the saturation by 10% instead.

■ 29.6186, 29.1472,
35.9632

■ 29.6186, 29.1472,
35.9632

292.0644,
297.9089, 343.8322

■ 19.6959, 19.1922,
24.1163

■ 58.4493, 58.3109,
70.1437

■ 12.2812, 11.8092,
15.2069

■ 78.0880, 78.2883,
93.3143

■ 7.0090, 6.6139,
8.8165

■ 101.6960,
102.3754, 121.0966

■ 3.5141, 3.2218,
4.5265

129.6388,
130.9565, 153.9092

■ 1.4311, 1.2486,
1.9184

162.2817,
164.4160, 192.1705

■ 0.2782, 0.1009,
0.5044

199.9900,

■ 0.0000, 0.0000,

203.1383, 236.2990

0.0000

243.1292,
247.5078, 286.7134

■ 29.6186, 29.1472,
35.9632

■ 29.6186, 29.1472,
35.9632

■ 27.2090, 24.6483,
35.2223

■ 32.3617, 34.3094,
36.8155

■ 25.1169, 20.7817,
34.5862

■ 35.4487, 40.1567,
37.7814

■ 23.3284, 17.5195,
34.0508

■ 38.8926, 46.7147,
38.8657

■ 21.8278, 14.8302,
33.6108

■ 42.7048, 54.0066,
40.0723

■ 20.5981, 12.6796,
33.2605

■ 46.8966, 62.0544,
41.4047

■ 19.6202, 11.0298,
32.9936

■ 51.4783, 70.8792,
42.8666

■ 18.8727, 9.8378,
32.8029

■ 56.4602, 80.5013,
44.4613

■ 18.3306, 9.0536,
32.6801

■ 57.3573, 81.9508,
44.6938

■ 17.9421, 8.5739,
32.6080

■ 57.5915, 82.0715,
44.7047

Harmonies

Analogous

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



28.6279, 29.1472, 38.3381



29.6186, 29.1472, 35.9632



30.0985, 29.1472, 32.5712

Triad

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



29.6186, 29.1472, 35.9632



27.9935, 29.1472, 25.5224



25.5977, 29.1472, 34.4274

Complementary

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



29.6186, 29.1472, 35.9632



28.5176, 32.0272, 30.6669

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.



25.4391, 29.1472, 30.9158



29.6186, 29.1472, 35.9632



26.7993, 29.1472, 25.9396

Square

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



29.6186, 29.1472, 35.9632



29.1426, 29.1472, 26.6699



25.8729, 29.1472, 27.8544



26.3127, 29.1472, 37.4069

Rectangle

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



29.6186, 29.1472, 35.9632



30.0546, 29.1472, 30.2563



25.8729, 29.1472, 27.8544



25.4784, 29.1472, 33.2639

Sweetspot

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



29.6194, 29.1485, 35.9638



55.8479, 57.4686, 65.2758



27.4133, 28.2725, 35.9110



12.2050, 12.4875, 14.3374



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.



29.6194, 29.1485, 35.9638



52.0018, 50.2476, 64.0847



29.3275, 29.0541, 33.4124



6.8574, 6.7305, 8.3444



14.5526, 6.9312, 26.4781



0.2727, 0.1304, 0.4740

Inverse Universe

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



28.7622, 28.8280, 30.4354



50.1040, 49.5390, 51.8099



28.7972, 32.1189, 33.0470



6.6513, 6.6535, 7.0150



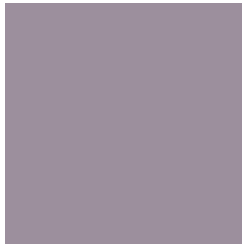
11.3490, 5.8442, 0.8228



0.2079, 0.1065, 0.0410

Previews

White Background



This preview shows how the XYZ color 29.6186, 29.1472, 35.9632 looks on a white background.

Color Contrast Check

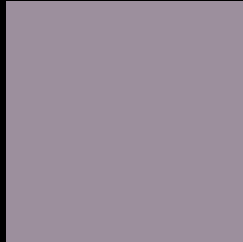
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6186, 29.1472, 35.9632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

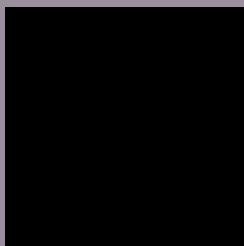
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.6186, 29.1472, 35.9632

Background



This preview shows how black text looks on a background with the XYZ color 29.6186, 29.1472, 35.9632.



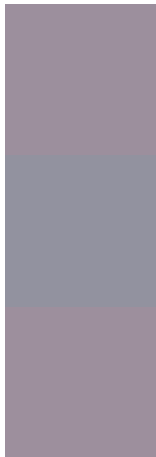
This preview shows how white text looks on a background with the XYZ color 29.6186, 29.1472,

35.9632.

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

29.6186, 29.1472, 35.9632

Protanopia

28.3910, 29.1720, 36.9353

Deuteranopia

29.8129, 29.2473, 35.9723



Tritanopia

29.4492, 29.0794, 35.0711

Trichromacy



Original Color

29.6186, 29.1472, 35.9632

Protanomaly

28.8746, 29.2035, 36.4627

Deuteranomaly

29.8129, 29.2473, 35.9723

Tritanomaly

29.5335, 29.1131, 35.5153

Monochromacy



Original Color

29.6186, 29.1472, 35.9632

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.6273, 29.3714, 33.4386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6186, 29.1472, 35.9632 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(156, 143, 157)` looks like.

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

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

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

Border

The CSS property to change the border of an element to XYZ 29.6186, 29.1472, 35.9632 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(156, 143, 157) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 29.6186, 29.1472, 35.9632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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