

Converting Colors

XYZ(29.2098, 27.3169, 37.1042)

Have a look what the booklet for
XYZ(29.2098, 27.3169, 37.1042)
contains.

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Color

**XYZ(29.2499, 27.4155,
37.0078)**

Conversions

Conversions Part 1

Format	Color
Hex	9E88A0
RGB	158, 136, 160
RGB Percent	62%, 53%, 63%
CMY	0.3804, 0.4667, 0.3725
CMYK	0.01, 0.15, 0.00, 0.37
HSL	295°, 11%, 58%
HSV	295°, 15%, 63%
XYZ	29.2499, 27.4155, 37.0078
YIQ	145.3140, 5.4080, 12.1280

Conversions

Conversions Part 2

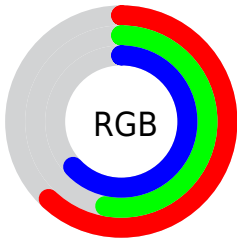
Format	Color
RYB	158, 136, 160
Decimal	10389664
CIELab	59.36, 12.76, -9.65
CIELCh	59, 15.995, 322.896
Yxy	27.4155, 0.3123, 0.2927
Android (android.graphics.Color)	4288579744 (0xFF9E88A0)
YUV	145.3140, 7.2402, 11.1256
Hunter-Lab	52.3598, 8.0863, -5.2542

Details

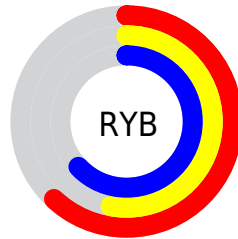
The XYZ color **29.2499, 27.4155, 37.0078** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.4970, 32.3232, 28.0837**, and the grayscale version is **27.0120, 28.4187, 30.9479**.

A 20% lighter version of the original color is **57.9039, 55.4476, 71.9406**, and **12.0320, 10.8239, 15.9231** is the 20% darker color. If you saturate the color by 10%, you get **26.9021, 23.1067, 36.3003**, and if you desaturate by 10%, it is **31.9386, 32.4010, 37.8288**.

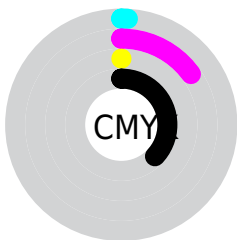
Distribution



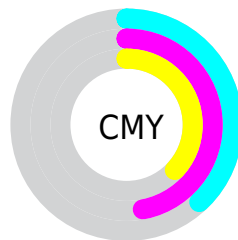
- Red (62%)
- Green (53%)
- Blue (63%)



- Red (62%)
- Yellow (53%)
- Blue (63%)



- Cyan (1%)
- Magenta (15%)
- Yellow (0%)
- Black (37%)



- Cyan (38%)
- Magenta (47%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2499, 27.4155, 37.0078 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 29.2499, 27.4155, 37.0078 by changing the saturation by 10% instead.

■ 29.2499, 27.4155,
37.0078

■ 29.2499, 27.4155,
37.0078

290.3652,
289.6633, 348.5140

■ 19.4152, 17.8855,
24.9177

■ 57.8687, 55.5499,
71.7712

■ 12.0764, 10.8678,
15.7973

■ 77.3835, 74.9231,
95.2817

■ 6.8683, 5.9780,
9.2280

■ 100.8557, 98.3462,
123.4359

■ 3.4255, 2.8317,
4.7914

128.6507,
126.2035, 156.6526

■ 1.3826, 1.0445,
2.0688

161.1337,
158.8795, 195.3502

■ 0.2437, 0.0000,
0.5971

198.6703,

■ 0.0000, 0.0000,

196.7585, 239.9473

0.0000

241.6257,
240.2250, 290.8624

■ 29.2499, 27.4155,
37.0078

■ 29.2499, 27.4155,
37.0078

■ 26.9021, 23.1067,
36.3003

■ 31.9386, 32.4010,
37.8288

■ 24.8778, 19.4412,
35.6994

■ 34.9797, 38.0874,
38.7661

■ 23.1619, 16.3883,
35.2006

■ 38.3871, 44.5022,
39.8247

■ 21.7371, 13.9133,
34.7980

■ 42.1733, 51.6704,
41.0087

■ 20.5843, 11.9782,
34.4852

■ 46.3502, 59.6157,
42.3222

■ 19.6821, 10.5401,
34.2552

■ 50.9291, 68.3608,
43.7688

■ 19.0059, 9.5499,
34.0997

■ 55.9210, 77.9275,
45.3523

■ 18.5249, 8.9459,
34.0085

■ 58.3962, 82.4564,
46.0960

■ 18.3184, 8.7105,
33.9739

■ 58.6830, 82.6042,
46.1094

Harmonies

Analogous

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



27.5842, 27.4155, 41.2023



29.2499, 27.4155, 37.0078



30.0673, 27.4155, 31.2351

Triad

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



29.2499, 27.4155, 37.0078



26.5366, 27.4155, 20.1928



22.6698, 27.4155, 34.3488

Complementary

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



29.2499, 27.4155, 37.0078



27.4970, 32.3232, 28.0837

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.



22.4213, 27.4155, 28.5080



29.2499, 27.4155, 37.0078



24.5884, 27.4155, 20.8030

Square

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



29.2499, 27.4155, 37.0078



28.4496, 27.4155, 21.8932



23.1065, 27.4155, 23.6817



23.8036, 27.4155, 39.5350

Rectangle

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



29.2499, 27.4155, 37.0078



29.9930, 27.4155, 27.4573



23.1065, 27.4155, 23.6817



22.4824, 27.4155, 32.3795

Sweetspot

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



29.2507, 27.4167, 37.0084



58.4721, 59.7271, 68.8332



25.5882, 25.9506, 36.9184



12.7414, 12.9455, 15.0708



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



29.2507, 27.4167, 37.0084



51.6148, 47.0257, 66.7430



28.8073, 27.2851, 32.6033



6.8496, 6.7265, 8.3440



14.2875, 6.7945, 26.4657



0.2699, 0.1289, 0.4739

Inverse Universe

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



27.8898, 26.9181, 27.7718



48.6716, 45.9500, 46.6549



27.9134, 32.4519, 31.9878



6.6544, 6.6547, 7.0311



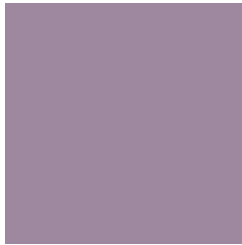
11.3588, 5.8481, 0.8747



0.2089, 0.1069, 0.0462

Previews

White Background



This preview shows how the XYZ color 29.2499, 27.4155, 37.0078 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 29.2499, 27.4155, 37.0078 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 29.2499, 27.4155, 37.0078

Background



This preview shows how black text looks on a background with the XYZ color 29.2499, 27.4155, 37.0078.



This preview shows how white text looks on a background with the XYZ color 29.2499, 27.4155,

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

29.2499, 27.4155, 37.0078

Protanopia

27.0213, 27.5153, 39.0088

Deuteranopia

27.8851, 27.3580, 36.6118



Tritanopia

28.2236, 27.4148, 32.2378

Trichromacy



Original Color

29.2499, 27.4155, 37.0078

Protanomaly

27.8430, 27.5115, 38.4931

Deuteranomaly

28.2954, 27.3556, 36.5897

Tritanomaly

28.6001, 27.3593, 33.9105

Monochromacy



Original Color

29.2499, 27.4155, 37.0078

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.7557, 28.0320, 32.8020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2499, 27.4155, 37.0078 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(158, 136, 160)` looks like.

```
.text, #text, p{  
    color:rgb(158, 136, 160)  
}
```

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(158, 136, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 136, 160) }
```

Border

The CSS property to change the border of an element to XYZ 29.2499, 27.4155, 37.0078 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(158, 136, 160) }
```


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

```
.border{ border-color:rgb(158, 136, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 136, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 136, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 136, 160);  
box-shadow:4px 4px 4px 4px rgb(158, 136,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2499, 27.4155, 37.0078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 136, 160) }
```

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

```
.background{ background-color: rgb(158,  
136, 160) }
```

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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