

Converting Colors

XYZ(29.2881, 29.3562, 33.4275)

Have a look what the booklet for
XYZ(29.2881, 29.3562, 33.4275)
contains.

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Color

**XYZ(29.2695, 29.2488,
33.3811)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9097
RGB	156, 144, 151
RGB Percent	61%, 56%, 59%
CMY	0.3882, 0.4353, 0.4078
CMYK	0.00, 0.08, 0.03, 0.39
HSL	325°, 6%, 59%
HSV	325°, 8%, 61%
XYZ	29.2695, 29.2488, 33.3811
YIQ	148.3860, 4.9050, 4.7210

Conversions

Conversions Part 2

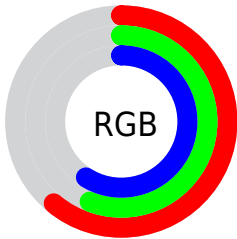
Format	Color
RYB	156, 144, 151
Decimal	10260631
CIELab	61.00, 5.75, -2.10
CIELCh	61, 6.119, 339.943
Yxy	29.2488, 0.3185, 0.3183
Android (android.graphics.Color)	4288450711 (0xFF9C9097)
YUV	148.3860, 1.2887, 6.6775
Hunter-Lab	54.0822, 1.9612, 1.2620

Details

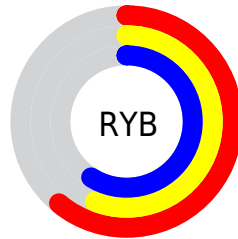
The XYZ color **29.2695, 29.2488, 33.3811** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.8160, 31.8770, 33.0694**, and the grayscale version is **28.3036, 29.7775, 32.4278**.

A 20% lighter version of the original color is **57.7919, 58.4976, 66.0028**, and **12.1287, 11.9288, 13.7198** is the 20% darker color. If you saturate the color by 10%, you get **26.5548, 24.6408, 29.9428**, and if you desaturate by 10%, it is **32.3416, 34.5240, 37.0829**.

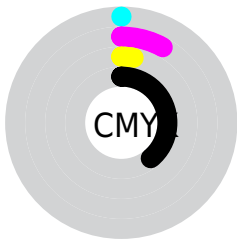
Distribution



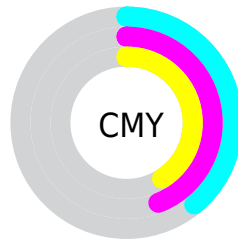
- Red (61%)
- Green (56%)
- Blue (59%)



- Red (61%)
- Yellow (56%)
- Blue (59%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2695, 29.2488, 33.3811 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 29.2695, 29.2488, 33.3811 by changing the saturation by 10% instead.

■ 29.2695, 29.2488,
33.3811

■ 29.2695, 29.2488,
33.3811

290.4557,
298.3871, 332.0480

■ 19.4301, 19.2691,
22.1450

■ 57.8996, 58.4721,
66.0929

■ 12.0873, 11.8649,
13.7642

■ 77.4210, 78.4846,
88.4058

■ 6.8758, 6.6517,
7.8200

100.9004,
102.6101, 115.2480

■ 3.4302, 3.2453,
3.8938

128.7033,
131.2330, 147.0380

■ 1.3851, 1.2611,
1.5673

161.1949,
164.7378, 184.1945

■ 0.2456, 0.1108,
0.2673

198.7406,

■ 0.0000, 0.0000,

203.5088, 227.1360

0.0000

241.7057,
247.9304, 276.2810

■ 29.2695, 29.2488,
33.3811

■ 29.2695, 29.2488,
33.3811

■ 26.5548, 24.6408,
29.9428

■ 32.3416, 34.5240,
37.0829

■ 24.1810, 20.6694,
26.7592

■ 35.7814, 40.4879,
41.0529

■ 22.1345, 17.3072,
23.8236

■ 39.6022, 47.1657,
45.2980

■ 20.3993, 14.5235,
21.1286

■ 43.8158, 54.5801,
49.8243

■ 18.9584, 12.2846,
18.6657

■ 48.4332, 62.7530,
54.6376

■ 17.7926, 10.5535,
16.4262

■ 53.4653, 71.7051,
59.7435

■ 16.8809, 9.2886,
14.4004

■ 58.9225, 81.4566,
65.1475

■ 16.1984, 8.4413,
12.5773

■ 60.2515, 82.9004,
69.3338

■ 15.7028, 7.9275,
10.9399

■ 61.0430, 83.2170,
73.5013

Harmonies

Analogous

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



28.7989, 29.2488, 35.3436



29.2695, 29.2488, 33.3811



29.3422, 29.2488, 31.0927

Triad

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



29.2695, 29.2488, 33.3811



27.5355, 29.2488, 27.7038



26.6379, 29.2488, 34.7584

Complementary

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



29.2695, 29.2488, 33.3811



28.8160, 31.8770, 33.0694

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.



26.3130, 29.2488, 32.6133



29.2695, 29.2488, 33.3811



26.8246, 29.2488, 28.5889

Square

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



29.2695, 29.2488, 33.3811



28.3307, 29.2488, 27.8873



26.3807, 29.2488, 30.3606



27.2761, 29.2488, 36.1648

Rectangle

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



29.2695, 29.2488, 33.3811



29.1538, 29.2488, 29.6993



26.3807, 29.2488, 30.3606



26.4890, 29.2488, 34.0957

Sweetspot

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



29.2703, 29.2501, 33.3817



56.2338, 58.3874, 64.3693



28.3696, 28.7378, 35.5047



12.3891, 12.8740, 14.1824



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.



29.2703, 29.2501, 33.3817



52.3885, 51.8051, 59.6709



28.7954, 29.0601, 30.8810



6.7871, 6.7078, 7.7300



12.8655, 6.4508, 8.8088



0.2508, 0.1237, 0.2669

Inverse Universe

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



29.2703, 29.2501, 33.3817



52.3885, 51.8051, 59.6709



29.3074, 32.0735, 35.6571



6.7871, 6.7078, 7.7300



12.8655, 6.4508, 8.8088



0.2508, 0.1237, 0.2669

Previews

White Background



This preview shows how the XYZ color 29.2695, 29.2488, 33.3811 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 29.2695, 29.2488, 33.3811 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

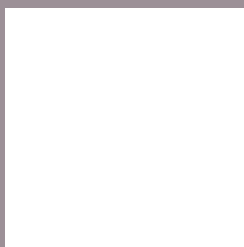
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2695, 29.2488, 33.3811

Background



This preview shows how black text looks on a background with the XYZ color 29.2695, 29.2488, 33.3811.



This preview shows how white text looks on a background with the XYZ color 29.2695, 29.2488,

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

29.2695, 29.2488, 33.3811

Protanopia

28.1591, 29.1207, 33.8425

Deuteranopia

29.9056, 29.3529, 33.3676



Tritanopia

29.6435, 29.1796, 35.0802

Trichromacy



Original Color

29.2695, 29.2488, 33.3811

Protanomaly

28.5554, 29.0971, 33.8170

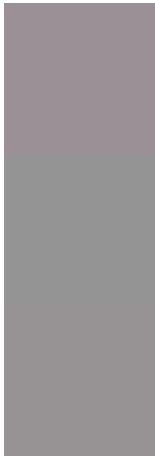
Deuteranomaly

29.7065, 29.2502, 33.3583

Tritanomaly

29.5598, 29.1461, 34.6396

Monochromacy



Original Color

29.2695, 29.2488, 33.3811

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.6210, 29.6167, 32.6419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2695, 29.2488, 33.3811 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, 144, 151)` looks like.

```
.text, #text, p{  
    color:rgb(156, 144, 151)  
}
```

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, 144, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 144, 151) }
```

Border

The CSS property to change the border of an element to XYZ 29.2695, 29.2488, 33.3811 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, 144, 151) }
```


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

```
.border{ border-color:rgb(156, 144, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 144, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 144, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 144, 151);  
box-shadow:4px 4px 4px 4px rgb(156, 144,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2695, 29.2488, 33.3811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 144, 151) }
```

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

```
.background{ background-color: rgb(156,  
144, 151) }
```

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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