

Converting Colors

XYZ(29.0231, 27.5105, 32.6784)

Have a look what the booklet for
XYZ(29.0231, 27.5105, 32.6784)
contains.

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Color

**XYZ(29.1486, 27.6704,
32.6588)**

Conversions

Conversions Part 1

Format	Color
Hex	A18996
RGB	161, 137, 150
RGB Percent	63%, 54%, 59%
CMY	0.3686, 0.4627, 0.4118
CMYK	0.00, 0.15, 0.07, 0.37
HSL	328°, 11%, 58%
HSV	328°, 15%, 63%
XYZ	29.1486, 27.6704, 32.6588
YIQ	145.6580, 10.1310, 9.1310

Conversions

Conversions Part 2

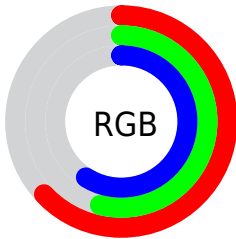
Format	Color
RYB	161, 137, 150
Decimal	10586518
CIELab	59.59, 11.36, -3.55
CIELCh	60, 11.905, 342.645
Yxy	27.6704, 0.3258, 0.3092
Android (android.graphics.Color)	4288776598 (0xFFA18996)
YUV	145.6580, 2.1406, 13.4549
Hunter-Lab	52.6027, 6.8572, 0.0112

Details

The XYZ color **29.1486, 27.6704, 32.6588** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.4077, 32.9469, 32.8806**, and the grayscale version is **27.1710, 28.5860, 31.1301**.

A 20% lighter version of the original color is **57.6314, 55.7855, 64.8569**, and **11.9670, 10.9685, 13.2908** is the 20% darker color. If you saturate the color by 10%, you get **26.4530, 23.2002, 28.9202**, and if you desaturate by 10%, it is **32.2247, 32.8410, 36.7096**.

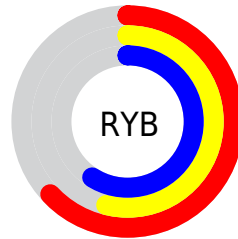
Distribution



Red (63%)

Green (54%)

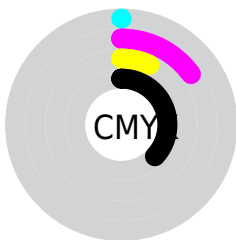
Blue (59%)



Red (63%)

Yellow (54%)

Blue (59%)

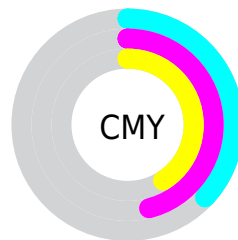


Cyan (0%)

Magenta (15%)

Yellow (7%)

Black (37%)



Cyan (37%)

Magenta (46%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1486, 27.6704, 32.6588 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 29.1486, 27.6704, 32.6588 by changing the saturation by 10% instead.

■ 29.1486, 27.6704,
32.6588

■ 29.1486, 27.6704,
32.6588

289.8970,
290.8886, 328.6942

■ 19.3381, 18.0773,
21.5962

■ 57.7090, 55.9578,
64.9523

■ 12.0203, 11.0055,
13.3650

■ 77.1897, 75.4209,
87.0203

■ 6.8298, 6.0706,
7.5467

■ 100.6244, 98.9429,
113.5939

■ 3.4013, 2.8880,
3.7227

128.3786,
126.9080, 145.0916

■ 1.3693, 1.0736,
1.4745

160.8176,
159.7008, 181.9319

■ 0.2342, 0.0000,
0.1988

198.3068,

■ 0.0000, 0.0000,

197.7055, 224.5335

0.0000

241.2115,
241.3067, 273.3147

■ 29.1486, 27.6704,
32.6588

■ 29.1486, 27.6704,
32.6588

■ 26.4530, 23.2002,
28.9202

■ 32.2247, 32.8410,
36.7096

■ 24.1199, 19.3964,
25.4834

■ 35.6938, 38.7370,
41.0791

■ 22.1330, 16.2275,
22.3398

■ 39.5707, 45.3864,
45.7756

■ 20.4741, 13.6581,
19.4799

■ 43.8686, 52.8149,
50.8068

■ 19.1231, 11.6491,
16.8932

■ 48.6002, 61.0468,
56.1799

■ 18.0576, 10.1569,
14.5685

■ 53.7776, 70.1054,
61.9018

■ 17.2517, 9.1313,
12.4931

■ 59.4125, 80.0130,
67.9796

■ 16.6738, 8.5099,
10.6525

■ 61.9718, 83.7026,
73.2381

■ 16.4266, 8.2685,
9.7901

■ 62.9073, 84.0768,
78.1643

Harmonies

Analogous

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



28.3017, 27.6704, 36.6186



29.1486, 27.6704, 32.6588



29.2143, 27.6704, 28.3568

Triad

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



29.1486, 27.6704, 32.6588



25.6738, 27.6704, 22.7690



24.2358, 27.6704, 36.0750

Complementary

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



29.1486, 27.6704, 32.6588



28.4077, 32.9469, 32.8806

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.



23.5860, 27.6704, 31.9722



29.1486, 27.6704, 32.6588



24.3948, 27.6704, 24.4542

Square

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



29.1486, 27.6704, 32.6588



27.1692, 27.6704, 22.9150



23.6431, 27.6704, 27.7321



25.4493, 27.6704, 38.7159

Rectangle

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



29.1486, 27.6704, 32.6588



28.8028, 27.6704, 25.8904



23.6431, 27.6704, 27.7321



23.9464, 27.6704, 34.8052

Sweetspot

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



29.1494, 27.6716, 32.6594



58.1996, 59.6408, 66.3705



27.5563, 26.7432, 37.4281



12.6713, 12.9234, 14.4370



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.



29.1494, 27.6716, 32.6594



50.4707, 46.6696, 56.1286



28.2465, 27.3105, 27.9049



7.2267, 7.1471, 8.1800



13.1401, 6.6121, 7.9283



0.2996, 0.1483, 0.2905

Inverse Universe

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



29.1494, 27.6716, 32.6594



50.4707, 46.6696, 56.1286



29.3899, 33.3398, 38.0526



7.2267, 7.1471, 8.1800



13.1401, 6.6121, 7.9283



0.2996, 0.1483, 0.2905

Previews

White Background



This preview shows how the XYZ color 29.1486, 27.6704, 32.6588 looks on a white background.

Color Contrast Check

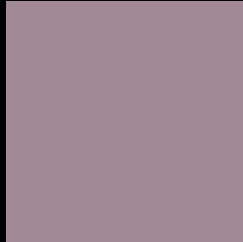
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1486, 27.6704, 32.6588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

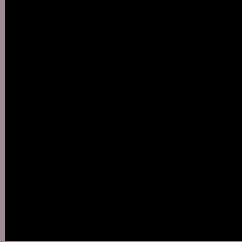
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.1486, 27.6704, 32.6588

Background



This preview shows how black text looks on a background with the XYZ color 29.1486, 27.6704, 32.6588.



This preview shows how white text looks on a background with the XYZ color 29.1486, 27.6704,

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

29.1486, 27.6704, 32.6588

Protanopia

26.8999, 27.7845, 34.0822

Deuteranopia

28.2552, 27.6358, 32.6992



Tritanopia

28.9889, 27.6065, 31.8177

Trichromacy



Original Color

29.1486, 27.6704, 32.6588

Protanomaly

27.7700, 27.8008, 33.6082

Deuteranomaly

28.4981, 27.5471, 32.6693

Tritanomaly

29.0684, 27.6383, 32.2364

Monochromacy



Original Color

29.1486, 27.6704, 32.6588

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.8514, 28.3308, 31.6042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1486, 27.6704, 32.6588 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(161, 137, 150)` looks like.

```
.text, #text, p{  
    color:rgb(161, 137, 150)  
}
```

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(161, 137, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 137, 150) }
```

Border

The CSS property to change the border of an element to XYZ 29.1486, 27.6704, 32.6588 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(161, 137, 150) }
```


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

```
.border{ border-color:rgb(161, 137, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 137, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 137, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 137, 150);  
box-shadow:4px 4px 4px 4px rgb(161, 137,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1486, 27.6704, 32.6588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 137, 150) }
```

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

```
.background{ background-color: rgb(161,  
137, 150) }
```

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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