

Converting Colors

XYZ(29.8679, 29.3621, 32.1110)

Have a look what the booklet for
XYZ(29.8679, 29.3621, 32.1110)
contains.

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Color

**XYZ(29.8657, 29.3601,
32.1099)**

Conversions

Conversions Part 1

Format	Color
Hex	A18F94
RGB	161, 143, 148
RGB Percent	63%, 56%, 58%
CMY	0.3686, 0.4392, 0.4196
CMYK	0.00, 0.11, 0.08, 0.37
HSL	343°, 9%, 60%
HSV	343°, 11%, 63%
XYZ	29.8657, 29.3601, 32.1099
YIQ	148.9520, 9.1230, 5.3710

Conversions

Conversions Part 2

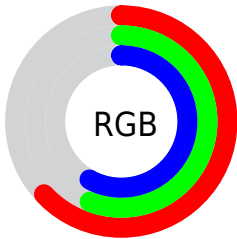
Format	Color
R _Y B	161, 143, 148
Decimal	10588052
CIE Lab	61.10, 7.60, -0.20
CIE LCh	61, 7.607, 358.522
Yxy	29.3601, 0.3270, 0.3215
Android (android.graphics.Color)	4288778132 (0xFFFA18F94)
YUV	148.9520, -0.4693, 10.5661
Hunter-Lab	54.1850, 3.5621, 2.7943

Details

The XYZ color **29.8657, 29.3601, 32.1099** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0745, 33.7305, 36.3797**, and the grayscale version is **28.5468, 30.0334, 32.7064**.

A 20% lighter version of the original color is **58.9458, 58.7957, 64.1190**, and **12.3787, 11.9430, 12.9621** is the 20% darker color. If you saturate the color by 10%, you get **26.7454, 24.5192, 26.7541**, and if you desaturate by 10%, it is **33.4270, 34.9344, 38.0698**.

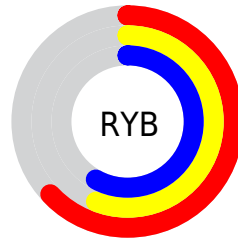
Distribution



Red (63%)

Green (56%)

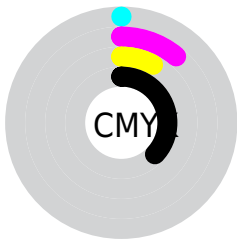
Blue (58%)



Red (63%)

Yellow (56%)

Blue (58%)

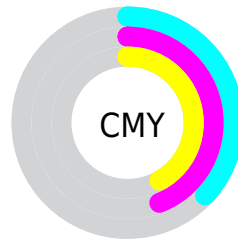


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (37%)



Cyan (37%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8657, 29.3601, 32.1099 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 29.8657, 29.3601, 32.1099 by changing the saturation by 10% instead.

■ 29.8657, 29.3601,
32.1099

■ 29.8657, 29.3601,
32.1099

293.1990,
298.9102, 326.1277

■ 19.8842, 19.3534,
21.1799

■ 58.8378, 58.6487,
64.0832

■ 12.4187, 11.9259,
13.0631

■ 78.5592, 78.6994,
85.9637

■ 7.1037, 6.6932,
7.3408

■ 102.2579,
102.8670, 112.3314

■ 3.5740, 3.2710,
3.5944

130.2993,
131.5357, 143.6049

■ 1.4641, 1.2748,
1.4056

163.0487,
165.0899, 180.2028

■ 0.3012, 0.1216,
0.1461

200.8716,

■ 0.0000, 0.0000,

203.9142, 222.5435

0.0000

244.1333,
248.3928, 271.0456

■ 29.8657, 29.3601,
32.1099

■ 29.8657, 29.3601,
32.1099

■ 26.7454, 24.5192,
26.7541

■ 33.4270, 34.9344,
38.0698

■ 24.0463, 20.3773,
21.9814

■ 37.4434, 41.2668,
44.6502

■ 21.7506, 16.9031,
17.7720

■ 41.9311, 48.3859,
51.8692

■ 19.8382, 14.0612,
14.1046

■ 46.9051, 56.3174,
59.7438

■ 18.2874, 11.8131,
10.9562

■ 52.3795, 65.0859,
68.2901

■ 17.0741, 10.1161,
8.3023

■ 58.3679, 74.7151,
77.5236

■ 16.1710, 8.9215,
6.1160

■ 64.6582, 84.7772,
87.3845

■ 15.5466, 8.1722,
4.3678

■ 66.3411, 85.4504,
96.2466

■ 15.1661, 7.7643,
3.1521

■ 68.1350, 86.1679,
105.6930

Harmonies

Analogous

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



29.5723, 29.3601, 34.9203



29.8657, 29.3601, 32.1099



29.6237, 29.3601, 29.4186

Triad

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



29.8657, 29.3601, 32.1099



27.0008, 29.3601, 27.3845



26.9172, 29.3601, 36.8808

Complementary

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



29.8657, 29.3601, 32.1099



30.0745, 33.7305, 36.3797

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.



26.2558, 29.3601, 34.6610



29.8657, 29.3601, 32.1099



26.3033, 29.3601, 29.1872

Square

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



29.8657, 29.3601, 32.1099



27.9553, 29.3601, 26.7898



26.0338, 29.3601, 31.8268



27.8565, 29.3601, 37.7742

Rectangle

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



29.8657, 29.3601, 32.1099



29.1944, 29.3601, 28.0302



26.0338, 29.3601, 31.8268



26.6558, 29.3601, 36.2587

Sweetspot

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



29.8665, 29.3614, 32.1105



58.6053, 60.5871, 66.0907



29.9474, 29.2774, 37.7913



12.7405, 13.1112, 14.3075



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.



29.8665, 29.3614, 32.1105



52.2696, 50.6861, 55.4374



30.0750, 30.3978, 30.2704



7.1508, 7.1168, 7.7807



12.1279, 6.2072, 2.5984



0.2738, 0.1380, 0.1545

Inverse Universe

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



29.8665, 29.3614, 32.1105



52.2696, 50.6861, 55.4374



29.8356, 32.5615, 38.4311



7.1508, 7.1168, 7.7807



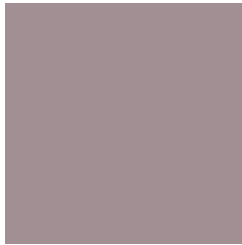
12.1279, 6.2072, 2.5984



0.2738, 0.1380, 0.1545

Previews

White Background



This preview shows how the XYZ color 29.8657, 29.3601, 32.1099 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 29.8657, 29.3601, 32.1099 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

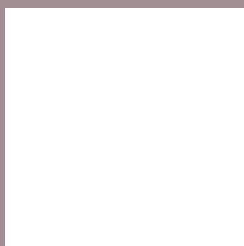
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.8657, 29.3601, 32.1099

Background



This preview shows how black text looks on a background with the XYZ color 29.8657, 29.3601, 32.1099.



This preview shows how white text looks on a background with the XYZ color 29.8657, 29.3601,

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

29.8657, 29.3601, 32.1099

Protanopia

28.3332, 29.4590, 33.0470

Deuteranopia

29.8657, 29.3601, 32.1099



Tritanopia

30.3231, 29.3273, 34.1995

Trichromacy



Original Color

29.8657, 29.3601, 32.1099

Protanomaly

28.8406, 29.5000, 32.6078

Deuteranomaly

29.8657, 29.3601, 32.1099

Tritanomaly

30.1592, 29.2617, 33.3367

Monochromacy



Original Color

29.8657, 29.3601, 32.1099

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.9954, 29.8097, 32.6594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8657, 29.3601, 32.1099 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, 143, 148)` looks like.

```
.text, #text, p{  
    color:rgb(161, 143, 148)  
}
```

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, 143, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 143, 148) }
```

Border

The CSS property to change the border of an element to XYZ 29.8657, 29.3601, 32.1099 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, 143, 148) }
```


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

```
.border{ border-color:rgb(161, 143, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 143, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 143, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 143, 148);  
box-shadow:4px 4px 4px 4px rgb(161, 143,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8657, 29.3601, 32.1099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 143, 148) }
```

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

```
.background{ background-color: rgb(161,  
143, 148) }
```

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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