

Converting Colors

XYZ(29.6124, 30.4167, 30.0166)

Have a look what the booklet for
XYZ(29.6124, 30.4167, 30.0166)
contains.

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Color

**XYZ(29.5729, 30.4019,
29.9007)**

Conversions

Conversions Part 1

Format	Color
Hex	9E948E
RGB	158, 148, 142
RGB Percent	62%, 58%, 56%
CMY	0.3804, 0.4196, 0.4431
CMYK	0.00, 0.06, 0.10, 0.38
HSL	23°, 8%, 59%
HSV	23°, 10%, 62%
XYZ	29.5729, 30.4019, 29.9007
YIQ	150.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

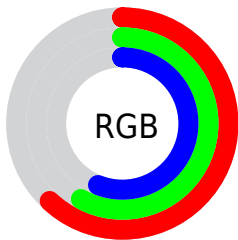
Format	Color
R _Y B	158, 152, 142
Decimal	10392718
CIE Lab	62.00, 2.60, 4.48
CIE LCh	62, 5.185, 59.847
Yxy	30.4019, 0.3290, 0.3383
Android (android.graphics.Color)	4288582798 (0xFF9E948E)
YUV	150.3060, -4.0949, 6.7476
Hunter-Lab	55.1379, -0.7539, 6.4442

Details

The XYZ color **29.5729, 30.4019, 29.9007** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.5550, 30.6752, 36.7638**, and the grayscale version is **29.1346, 30.6518, 33.3799**.

A 20% lighter version of the original color is **58.5249, 60.3727, 60.7931**, and **12.2699, 12.4479, 11.8812** is the 20% darker color. If you saturate the color by 10%, you get **26.9870, 26.9956, 23.5951**, and if you desaturate by 10%, it is **32.4608, 34.1423, 37.1374**.

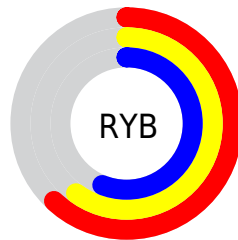
Distribution



Red (62%)

Green (58%)

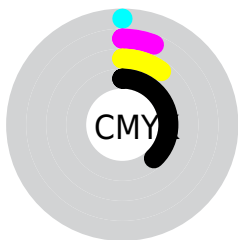
Blue (56%)



Red (62%)

Yellow (60%)

Blue (56%)

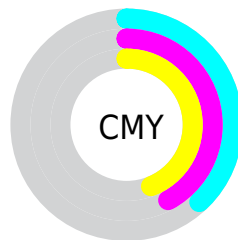


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5729, 30.4019, 29.9007 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 29.5729, 30.4019, 29.9007 by changing the saturation by 10% instead.

■ 29.5729, 30.4019,
29.9007

■ 29.5729, 30.4019,
29.9007

291.8542,
303.7733, 315.6342

■ 19.6611, 20.1438,
19.5118

■ 58.3774, 60.2972,
60.5643

■ 12.2558, 12.4996,
11.8601

■ 78.0007, 80.7032,
81.6760

■ 6.9915, 7.0849,
6.5271

101.5920,
105.2606, 107.1991

■ 3.5031, 3.5153,
3.0943

129.5165,
134.3539, 137.5522

■ 1.4251, 1.4063,
1.1430

162.1396,
168.3675, 173.1536

■ 0.2740, 0.2214,
0.0000

199.8267,

■ 0.0000, 0.0000,

207.6856, 214.4221

0.0000

242.9431,
252.6928, 261.7761

■ 29.5729, 30.4019,
29.9007

■ 29.5729, 30.4019,
29.9007

■ 26.9870, 26.9956,
23.5951

■ 32.4608, 34.1423,
37.1374

■ 24.6901, 23.9100,
18.1804

■ 35.6579, 38.2219,
45.3391

■ 22.6723, 21.1366,
13.6164

■ 39.1744, 42.6504,
54.5405

■ 20.9218, 18.6651,
9.8592

■ 43.0193, 47.4363,
64.7739

■ 19.4261, 16.4844,
6.8607

■ 47.2009, 52.5876,
76.0702

■ 18.1712, 14.5829,
4.5677

■ 51.7277, 58.1119,
88.4591

■ 17.1421, 12.9478,
2.9199

■ 56.6074, 64.0169,
101.9689

■ 16.3211, 11.5651,
1.8468

■ 59.6142, 69.4162,
104.8644

■ 15.6791, 10.4260,
1.1860

■ 62.3919, 74.9716,
105.7903

Harmonies

Analogous

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



30.0713, 30.4019, 31.2331



29.5729, 30.4019, 29.9007



28.8997, 30.4019, 29.4192

Triad

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



29.5729, 30.4019, 29.9007



27.5796, 30.4019, 33.0923



29.5666, 30.4019, 36.5360

Complementary

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



29.5729, 30.4019, 29.9007



28.5550, 30.6752, 36.7638

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.



28.8925, 30.4019, 37.0811



29.5729, 30.4019, 29.9007



27.7519, 30.4019, 35.0450

Square

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



29.5729, 30.4019, 29.9007



27.7554, 30.4019, 31.2161



28.2297, 30.4019, 36.5251



30.0677, 30.4019, 35.0634

Rectangle

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



29.5729, 30.4019, 29.9007



28.4445, 30.4019, 29.6299



28.2297, 30.4019, 36.5251



29.3524, 30.4019, 36.8363

Sweetspot

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



29.5737, 30.4032, 29.9014



57.3533, 59.9475, 63.4086



29.4523, 28.8869, 33.7868



12.8363, 13.3937, 14.0589



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.



29.5737, 30.4032, 29.9014



52.6704, 53.8577, 51.7477



30.8494, 32.9546, 30.3266



6.8268, 7.0336, 6.9835



12.5927, 8.4210, 0.9617



0.2642, 0.2287, 0.0302

Inverse Universe

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



28.5550, 30.6752, 36.7638



50.4664, 54.4457, 66.5927



27.3207, 28.2068, 36.3524



6.6125, 7.0908, 8.4268



8.5337, 9.1589, 27.2253



0.1921, 0.2429, 0.5000

Previews

White Background



This preview shows how the XYZ color 29.5729, 30.4019, 29.9007 looks on a white background.

Color Contrast Check

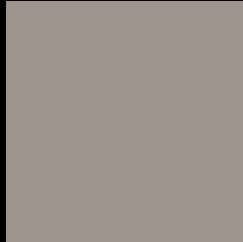
Large Text (above 18pt) WCAG AA × Fail

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 29.5729, 30.4019, 29.9007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

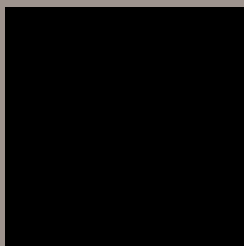
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

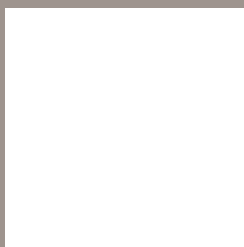
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5729, 30.4019, 29.9007

Background



This preview shows how black text looks on a background with the XYZ color 29.5729, 30.4019, 29.9007.



This preview shows how white text looks on a background with the XYZ color 29.5729, 30.4019,

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

29.5729, 30.4019, 29.9007

Protanopia

29.0318, 30.3481, 30.3142

Deuteranopia

31.0197, 30.4495, 30.2290



Tritanopia

30.8619, 30.4657, 36.1522

Trichromacy



Original Color

29.5729, 30.4019, 29.9007

Protanomaly

29.2229, 30.4466, 30.3232

Deuteranomaly

30.5467, 30.4335, 30.2509

Tritanomaly

30.3993, 30.5054, 33.9917

Monochromacy



Original Color

29.5729, 30.4019, 29.9007

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.1508, 30.3738, 31.9301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5729, 30.4019, 29.9007 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, 148, 142)` looks like.

```
.text, #text, p{  
    color:rgb(158, 148, 142)  
}
```

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, 148, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 148, 142) }
```

Border

The CSS property to change the border of an element to XYZ 29.5729, 30.4019, 29.9007 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, 148, 142) }
```


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

```
.border{ border-color:rgb(158, 148, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 148, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 148, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 148, 142);  
box-shadow:4px 4px 4px 4px rgb(158, 148,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5729, 30.4019, 29.9007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 148, 142) }
```

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

```
.background{ background-color: rgb(158,  
148, 142) }
```

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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