

Converting Colors

XYZ(30.5159, 32.8997, 29.9415)

Have a look what the booklet for
XYZ(30.5159, 32.8997, 29.9415)
contains.

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Color

**XYZ(30.4065, 32.7679,
29.9216)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9C8D
RGB	156, 156, 141
RGB Percent	61%, 61%, 55%
CMY	0.3882, 0.3882, 0.4471
CMYK	0.00, 0.00, 0.10, 0.39
HSL	60°, 7%, 58%
HSV	60°, 10%, 61%
XYZ	30.4065, 32.7679, 29.9216
YIQ	154.2900, 4.8150, -4.6650

Conversions

Conversions Part 2

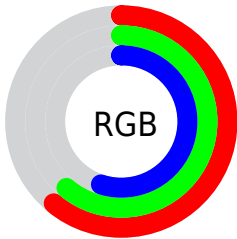
Format	Color
RYB	141, 156, 141
Decimal	10263693
CIELab	63.97, -2.75, 7.86
CIElCh	64, 8.321, 109.268
Yxy	32.7679, 0.3266, 0.3520
Android (android.graphics.Color)	4288453773 (0xFF9C9C8D)
YUV	154.2900, -6.5520, 1.4997
Hunter-Lab	57.2433, -5.3600, 9.0788

Details

The XYZ color **30.4065, 32.7679, 29.9216** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.5114, 27.1137, 35.2903**, and the grayscale version is **30.8697, 32.4773, 35.3678**.

A 20% lighter version of the original color is **59.7609, 63.8822, 60.8105**, and **12.7656, 13.8617, 11.9003** is the 20% darker color. If you saturate the color by 10%, you get **29.3263, 32.3368, 24.2326**, and if you desaturate by 10%, it is **31.6520, 33.2672, 36.4733**.

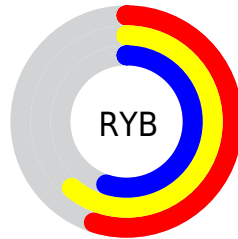
Distribution



Red (61%)

Green (61%)

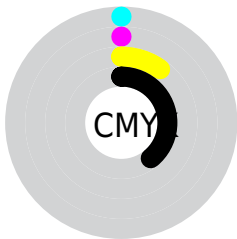
Blue (55%)



Red (55%)

Yellow (61%)

Blue (55%)

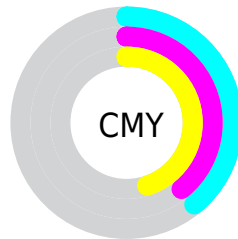


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (39%)



Cyan (39%)

Magenta (39%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4065, 32.7679, 29.9216 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 30.4065, 32.7679, 29.9216 by changing the saturation by 10% instead.

■ 30.4065, 32.7679,
29.9216

■ 30.4065, 32.7679,
29.9216

295.6706,
314.6026, 315.7348

■ 20.2969, 21.9487,
19.5275

■ 59.6867, 64.0130,
60.5977

■ 12.7206, 13.8192,
11.8714

■ 79.5880, 85.2077,
81.7168

■ 7.3121, 7.9950,
6.5347

■ 103.4839,
110.6296, 107.2481

■ 3.7061, 4.0918,
3.0989

131.7399,
140.6633, 137.6100

■ 1.5372, 1.7250,
1.1453

164.7212,
175.6930, 173.2210

■ 0.3510, 0.4398,
0.0000

202.7931,

■ 0.0000, 0.0000,

216.1032, 214.4998

0.0000

246.3212,
262.2783, 261.8649

■ 30.4065, 32.7679,
29.9216

■ 30.4065, 32.7679,
29.9216

■ 29.3263, 32.3368,
24.2326

■ 31.6520, 33.2672,
36.4733

■ 28.4021, 31.9671,
19.3683

■ 33.0665, 33.8331,
43.9192

■ 27.6272, 31.6571,
15.2912

■ 34.6571, 34.4694,
52.2920

■ 26.9940, 31.4037,
11.9598

■ 36.4294, 35.1784,
61.6220

■ 26.4939, 31.2036,
9.3291

■ 38.3890, 35.9623,
71.9382

■ 26.1173, 31.0529,
7.3490

■ 40.5412, 36.8232,
83.2682

■ 25.8535, 30.9473,
5.9630

■ 42.8909, 37.7632,
95.6387

■ 25.6900, 30.8818,
5.1048

■ 43.6542, 38.0686,
99.6549

■ 25.5977, 30.8449,
4.6217

■ 43.6547, 38.0689,
99.6549

Harmonies

Analogous

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



31.5668, 32.7679, 29.7008



30.4065, 32.7679, 29.9216



29.4668, 32.7679, 31.6274

Triad

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



30.4065, 32.7679, 29.9216



29.6962, 32.7679, 40.8010



33.4140, 32.7679, 36.8951

Complementary

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



30.4065, 32.7679, 29.9216



26.5114, 27.1137, 35.2903

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.



32.8856, 32.7679, 40.0619



30.4065, 32.7679, 29.9216



30.7268, 32.7679, 42.4092

Square

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



30.4065, 32.7679, 29.9216



29.0639, 32.7679, 37.8531



31.8952, 32.7679, 42.1305



33.3230, 32.7679, 33.5892

Rectangle

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



30.4065, 32.7679, 29.9216



29.0827, 32.7679, 33.4405



31.8952, 32.7679, 42.1305



33.3024, 32.7679, 38.0146

Sweetspot

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



30.4074, 32.7693, 29.9223



56.6736, 60.0946, 61.9659



28.0439, 28.0416, 29.1343



12.4316, 13.2078, 13.4296



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.



30.4074, 32.7693, 29.9223



54.6828, 59.2982, 51.4877



29.0008, 32.0442, 29.8565



7.1701, 7.7203, 7.0979



21.0809, 25.4043, 3.7924



0.3770, 0.4543, 0.0678

Inverse Universe

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



26.5114, 27.1137, 35.2903



45.8355, 46.4550, 63.6777



27.8300, 27.7935, 35.3520



6.2849, 6.4353, 8.3176



4.9431, 1.9773, 26.0284



0.0884, 0.0354, 0.4654

Previews

White Background



This preview shows how the XYZ color 30.4065, 32.7679, 29.9216 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 30.4065, 32.7679, 29.9216 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

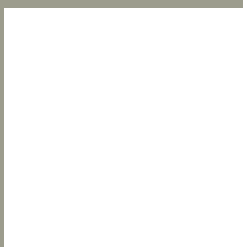
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4065, 32.7679, 29.9216

Background



This preview shows how black text looks on a background with the XYZ color 30.4065, 32.7679, 29.9216.



This preview shows how white text looks on a background with the XYZ color 30.4065, 32.7679,

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

30.4065, 32.7679, 29.9216

Protanopia

30.9872, 32.5817, 29.4666

Deuteranopia

33.3091, 32.5618, 30.1207



Tritanopia

32.4808, 32.8700, 40.2299

Trichromacy



Original Color

30.4065, 32.7679, 29.9216

Protanomaly

30.7530, 32.7071, 29.5032

Deuteranomaly

32.2592, 32.7343, 30.2093

Tritanomaly

31.6569, 32.7806, 36.1113

Monochromacy



Original Color

30.4065, 32.7679, 29.9216

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.6637, 32.5812, 33.1064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4065, 32.7679, 29.9216 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, 156, 141)` looks like.

```
.text, #text, p{  
    color:rgb(156, 156, 141)  
}
```

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, 156, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 156, 141) }
```

Border

The CSS property to change the border of an element to XYZ 30.4065, 32.7679, 29.9216 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, 156, 141) }
```


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

```
.border{ border-color:rgb(156, 156, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 156, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 156, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 156, 141);  
box-shadow:4px 4px 4px 4px rgb(156, 156,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4065, 32.7679, 29.9216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 156, 141) }
```

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

```
.background{ background-color: rgb(156,  
156, 141) }
```

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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