

Converting Colors

XYZ(32.8526, 34.0429, 31.3548)

Have a look what the booklet for
XYZ(32.8526, 34.0429, 31.3548)
contains.

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Color

**XYZ(32.8589, 34.0060,
31.2175)**

Conversions

Conversions Part 1

Format	Color
Hex	A79C90
RGB	167, 156, 144
RGB Percent	65%, 61%, 56%
CMY	0.3451, 0.3882, 0.4353
CMYK	0.00, 0.07, 0.14, 0.35
HSL	31°, 12%, 61%
HSV	31°, 14%, 65%
XYZ	32.8589, 34.0060, 31.2175
YIQ	157.9210, 10.4080, -1.4000

Conversions

Conversions Part 2

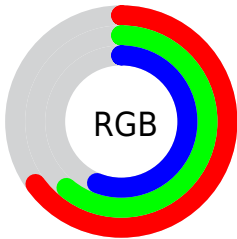
Format	Color
RYB	165, 167, 144
Decimal	10984592
CIELab	64.97, 1.92, 7.72
CIElCh	65, 7.956, 76.013
Yxy	34.0060, 0.3350, 0.3467
Android (android.graphics.Color)	4289174672 (0xFFA79C90)
YUV	157.9210, -6.8631, 7.9623
Hunter-Lab	58.3147, -1.4702, 9.0806

Details

The XYZ color **32.8589, 34.0060, 31.2175** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1980, 32.1616, 41.1759**, and the grayscale version is **32.4911, 34.1832, 37.2255**.

A 20% lighter version of the original color is **63.3638, 65.7000, 62.7678**, and **14.1422, 14.5561, 12.6539** is the 20% darker color. If you saturate the color by 10%, you get **30.3799, 30.9415, 24.5528**, and if you desaturate by 10%, it is **35.6167, 37.3252, 38.9075**.

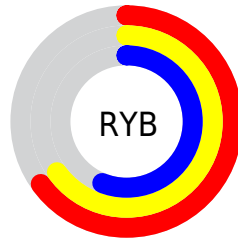
Distribution



Red (65%)

Green (61%)

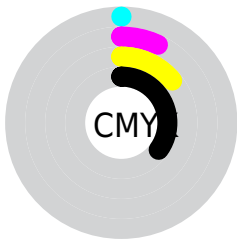
Blue (56%)



Red (65%)

Yellow (65%)

Blue (56%)

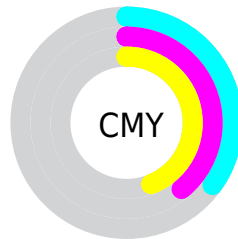


Cyan (0%)

Magenta (7%)

Yellow (14%)

Black (35%)



Cyan (35%)


Magenta (39%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8589, 34.0060, 31.2175 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 32.8589, 34.0060, 31.2175 by changing the saturation by 10% instead.


 32.8589, 34.0060,
31.2175

 32.8589, 34.0060,
31.2175


306.6897,
320.1588, 321.9213

 22.1771, 22.8982,
20.5047


 63.5113, 65.9430,
62.6659

 14.1044, 14.5184,
12.5747


 84.2127, 87.5410,
84.2386

 8.2755, 8.4821,
7.0091


108.9845,
113.4045, 110.2683

 4.3250, 4.4049,
3.3892

138.1923,
143.9180, 141.1736

 1.8876, 1.9026,
1.2967

172.2014,
179.4657, 177.3730

 0.5696, 0.5499,
0.0591

211.3771,

 0.0000, 0.0000,

220.4322, 219.2850

0.0000

256.0847,
267.2017, 267.3283

■ 32.8589, 34.0060,
31.2175

■ 32.8589, 34.0060,
31.2175

■ 30.3799, 30.9415,
24.5528

■ 35.6167, 37.3252,
38.9075

■ 28.1669, 28.1206,
18.8672

■ 38.6600, 40.9010,
47.6621

■ 26.2104, 25.5378,
14.1142

■ 41.9985, 44.7411,
57.5210

■ 24.4989, 23.1856,
10.2424

■ 45.6408, 48.8512,
68.5214

■ 23.0200, 21.0562,
7.1956

■ 49.5949, 53.2371,
80.6985

■ 21.7600, 19.1410,
4.9110

■ 53.8687, 57.9042,
94.0861

■ 20.7032, 17.4305,
3.3163

■ 57.5047, 62.4719,
103.6352

■ 19.8315, 15.9142,
2.3252

■ 59.5492, 66.5609,
104.3167

■ 19.3570, 15.0565,
1.8860

■ 61.6938, 70.8501,
105.0316

Harmonies

Analogous

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



33.8812, 34.0060, 32.6563



32.8589, 34.0060, 31.2175



31.7158, 34.0060, 31.2692

Triad

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



32.8589, 34.0060, 31.2175



30.2433, 34.0060, 38.8006



33.9383, 34.0060, 41.5995

Complementary

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



32.8589, 34.0060, 31.2175



30.1980, 32.1616, 41.1759

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.



32.9353, 34.0060, 43.4509



32.8589, 34.0060, 31.2175



30.8107, 34.0060, 41.7707

Square

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



32.8589, 34.0060, 31.2175



30.2239, 34.0060, 35.5176



31.7904, 34.0060, 43.5154



34.5143, 34.0060, 38.5780

Rectangle

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



32.8589, 34.0060, 31.2175



31.0394, 34.0060, 32.1386



31.7904, 34.0060, 43.5154



33.6388, 34.0060, 42.3870

Sweetspot

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



32.8598, 34.0075, 31.2182



63.6309, 66.6612, 69.2393



31.8363, 30.5330, 35.2777



14.1548, 14.8168, 15.2552



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.8598, 34.0075, 31.2182



57.2231, 58.9123, 51.4832



34.7087, 37.8254, 31.8577



7.8428, 8.1657, 7.9521



14.8614, 11.6200, 1.4596



0.4123, 0.3843, 0.0524

Inverse Universe

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



30.1980, 32.1616, 41.1759



51.3763, 54.8577, 73.3561



28.5175, 28.7009, 40.5965



7.4166, 7.8701, 9.5465



7.5726, 6.6055, 28.8514



0.2357, 0.2637, 0.7191

Previews

White Background



This preview shows how the XYZ color 32.8589, 34.0060, 31.2175 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 32.8589, 34.0060, 31.2175 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

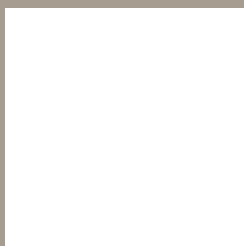
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.8589, 34.0060, 31.2175

Background



This preview shows how black text looks on a background with the XYZ color 32.8589, 34.0060, 31.2175.



This preview shows how white text looks on a background with the XYZ color 32.8589, 34.0060,

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

32.8589, 34.0060, 31.2175

Protanopia

32.4776, 34.0508, 31.6488

Deuteranopia

34.6992, 33.9658, 31.5153



Tritanopia

34.7603, 34.0451, 40.3366

Trichromacy



Original Color

32.8589, 34.0060, 31.2175

Protanomaly

32.6849, 34.1576, 31.6585

Deuteranomaly

33.9576, 33.8255, 31.5273

Tritanomaly

34.0036, 33.9805, 36.6650

Monochromacy



Original Color

32.8589, 34.0060, 31.2175

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.5047, 33.9909, 34.9847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8589, 34.0060, 31.2175 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(167, 156, 144)` looks like.

```
.text, #text, p{  
    color:rgb(167, 156, 144)  
}
```

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(167, 156, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 156, 144) }
```

Border

The CSS property to change the border of an element to XYZ 32.8589, 34.0060, 31.2175 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(167, 156, 144) }
```


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

```
.border{ border-color:rgb(167, 156, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 156, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 156, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 156, 144);  
box-shadow:4px 4px 4px 4px rgb(167, 156,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8589, 34.0060, 31.2175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 156, 144) }
```

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

```
.background{ background-color: rgb(167,  
156, 144) }
```

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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