

Converting Colors

XYZ(32.1280, 30.5722, 30.1970)

Have a look what the booklet for
XYZ(32.1280, 30.5722, 30.1970)
contains.

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Color

**XYZ(32.2359, 30.6268,
30.1991)**

Conversions

Conversions Part 1

Format	Color
Hex	AE8F8F
RGB	174, 143, 143
RGB Percent	68%, 56%, 56%
CMY	0.3176, 0.4392, 0.4392
CMYK	0.00, 0.18, 0.18, 0.32
HSL	0°, 16%, 62%
HSV	0°, 18%, 68%
XYZ	32.2359, 30.6268, 30.1991
YIQ	152.2690, 18.4760, 6.5720

Conversions

Conversions Part 2

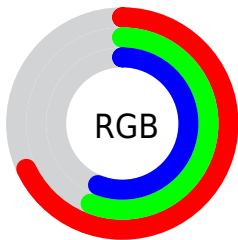
Format	Color
R_{YB}	174, 143, 143
Decimal	11440015
CIE _{Lab}	62.19, 11.66, 4.38
CIE _{LCh}	62, 12.454, 20.609
Yxy	30.6268, 0.3464, 0.3291
Android (android.graphics.Color)	4289630095 (0xFFAE8F8F)
YUV	152.2690, -4.5696, 19.0581
Hunter-Lab	55.3415, 7.1270, 6.3853

Details

The XYZ color **32.2359, 30.6268, 30.1991** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **34.1032, 39.1665, 45.8070**, and the grayscale version is **29.9755, 31.5365, 34.3433**.

A 20% lighter version of the original color is **62.6774, 60.7867, 61.2529**, and **13.7753, 12.6840, 12.0781** is the 20% darker color. If you saturate the color by 10%, you get **28.6064, 25.3161, 22.9827**, and if you desaturate by 10%, it is **36.4766, 36.8322, 38.6287**.

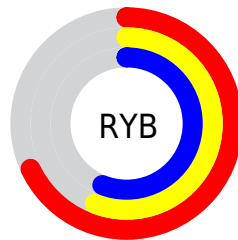
Distribution



Red (68%)

Green (56%)

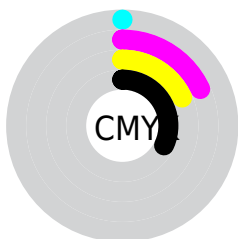
Blue (56%)



Red (68%)

Yellow (56%)

Blue (56%)

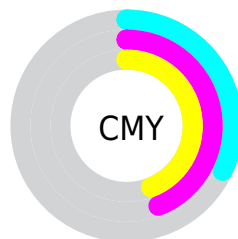


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (32%)



Cyan (32%)


Magenta (44%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2359, 30.6268, 30.1991 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 32.2359, 30.6268, 30.1991 by changing the saturation by 10% instead.


 32.2359, 30.6268,
30.1991


 32.2359, 30.6268,
30.1991


303.9187,
304.8153, 317.0675


 21.6982, 20.3148,
19.7364

 62.5434, 60.6520,
61.0416

 13.7506, 12.6241,
12.0214


 83.0439, 81.1341,
82.2586

 8.0280, 7.1702,
6.6356


 107.5961,
105.7749, 107.8973

 4.1648, 3.5688,
3.1603

136.5652,
134.9590, 138.3765

 1.7958, 1.4354,
1.1770

170.3167,
169.0707, 174.1145

 0.5151, 0.2426,
0.0000

209.2158,

 0.0000, 0.0000,

208.4944, 215.5300

0.0000

253.6280,
253.6144, 263.0415

■ 32.2359, 30.6268,
30.1991

■ 32.2359, 30.6268,
30.1991

■ 28.6064, 25.3161,
22.9827

■ 36.4766, 36.8322,
38.6287

■ 25.5577, 20.8549,
16.9218

■ 41.3522, 43.9665,
48.3217

■ 23.0603, 17.2004,
11.9572

■ 46.8883, 52.0671,
59.3277

■ 21.0813, 14.3046,
8.0232

■ 53.1081, 61.1683,
71.6932

■ 19.5843, 12.1140,
5.0475

■ 60.0339, 71.3025,
85.4623

■ 18.5282, 10.5685,
2.9483

■ 67.6870, 82.5007,
100.6773

■ 17.8650, 9.5980,
1.6303

■ 71.2656, 87.7387,
107.7869

■ 17.5179, 9.0900,
0.9404

■ 17.4558, 8.9991,
0.8170

Harmonies

Analogous

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



32.4110, 30.6268, 34.8782



32.2359, 30.6268, 30.1991



31.2061, 30.6268, 26.7030

Triad

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



32.2359, 30.6268, 30.1991



26.6866, 30.6268, 27.8197



28.5865, 30.6268, 43.3213

Complementary

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



32.2359, 30.6268, 30.1991



34.1032, 39.1665, 45.8070

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.



27.1097, 30.6268, 41.0116



32.2359, 30.6268, 30.1991



26.0409, 30.6268, 31.8620

Square

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



32.2359, 30.6268, 30.1991



27.9887, 30.6268, 25.4236



26.1927, 30.6268, 36.7072



30.2605, 30.6268, 42.7670

Rectangle

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



32.2359, 30.6268, 30.1991



30.1944, 30.6268, 25.3676



26.1927, 30.6268, 36.7072



28.0516, 30.6268, 42.8464

Sweetspot

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



32.2367, 30.6282, 30.1997



68.4606, 70.1691, 74.6324



34.9182, 31.6999, 44.3228



15.0854, 15.4046, 16.3280



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.2367, 30.6282, 30.1997



56.0084, 51.9482, 49.8771



34.7260, 35.6067, 31.0295



8.0053, 8.0155, 8.3386



12.6608, 6.5272, 0.5926



0.3522, 0.1816, 0.0165

Inverse Universe

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



34.1032, 39.1665, 45.8070



59.9697, 70.0694, 83.0009



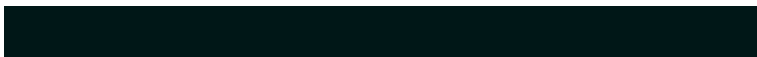
31.2803, 33.5206, 44.8660



8.2363, 9.0719, 10.2697



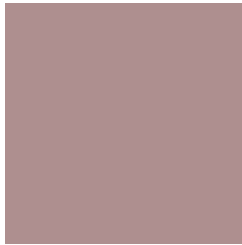
16.5168, 24.1675, 32.8388



0.4595, 0.6724, 0.9135

Previews

White Background



This preview shows how the XYZ color 32.2359, 30.6268, 30.1991 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 32.2359, 30.6268, 30.1991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

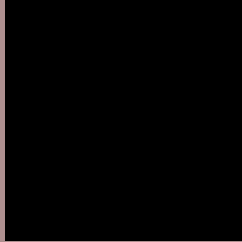
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.2359, 30.6268, 30.1991

Background



This preview shows how black text looks on a background with the XYZ color 32.2359, 30.6268, 30.1991.



This preview shows how white text looks on a background with the XYZ color 32.2359, 30.6268,

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

32.2359, 30.6268, 30.1991

Protanopia

29.4992, 30.7893, 31.9919

Deuteranopia

31.2318, 30.5588, 30.2389



Tritanopia

33.1020, 30.7599, 34.3296

Trichromacy



Original Color

32.2359, 30.6268, 30.1991

Protanomaly

30.3200, 30.5198, 31.4870

Deuteranomaly

31.5087, 30.4757, 30.2083

Tritanomaly

32.7770, 30.6299, 32.6184

Monochromacy



Original Color

32.2359, 30.6268, 30.1991

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.6695, 31.1384, 32.8276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2359, 30.6268, 30.1991 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(174, 143, 143)` looks like.

```
.text, #text, p{  
    color:rgb(174, 143, 143)  
}
```

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(174, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 143, 143) }
```

Border

The CSS property to change the border of an element to XYZ 32.2359, 30.6268, 30.1991 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(174, 143, 143) }
```


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

```
.border{ border-color:rgb(174, 143, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 143, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 143, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 143, 143);  
box-shadow:4px 4px 4px 4px rgb(174, 143,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2359, 30.6268, 30.1991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 143, 143) }
```

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

```
.background{ background-color: rgb(174,  
143, 143) }
```

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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