

Converting Colors

XYZ(32.4199, 29.2470, 30.6215)

Have a look what the booklet for
XYZ(32.4199, 29.2470, 30.6215)
contains.

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Color

**XYZ(32.5054, 29.2364,
30.7180)**

Conversions

Conversions Part 1

Format	Color
Hex	B38891
RGB	179, 136, 145
RGB Percent	70%, 53%, 57%
CMY	0.2980, 0.4666, 0.4314
CMYK	0.00, 0.24, 0.19, 0.30
HSL	347°, 22%, 62%
HSV	347°, 24%, 70%
XYZ	32.5054, 29.2364, 30.7180
YIQ	149.8830, 22.7390, 11.9150

Conversions

Conversions Part 2

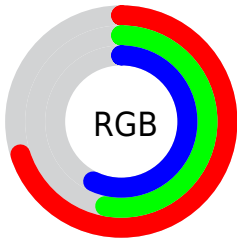
Format	Color
R_{YB}	179, 136, 145
Decimal	11765905
CIE _{Lab}	60.99, 17.80, 1.57
CIE _{LCh}	61, 17.874, 5.036
Yxy	29.2364, 0.3516, 0.3162
Android (android.graphics.Color)	4289955985 (0xFFB38891)
YUV	149.8830, -2.4073, 25.5356
Hunter-Lab	54.0707, 12.6842, 4.1664

Details

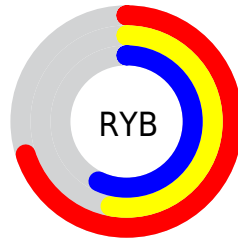
The XYZ color **32.5054, 29.2364, 30.7180** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.5304, 40.3774, 44.0587**, and the grayscale version is **28.9437, 30.4510, 33.1611**.

A 20% lighter version of the original color is **62.9832, 58.6126, 62.0266**, and **13.9975, 11.9174, 12.3890** is the 20% darker color. If you saturate the color by 10%, you get **29.1676, 24.1998, 24.5518**, and if you desaturate by 10%, it is **36.4019, 35.1721, 37.7420**.

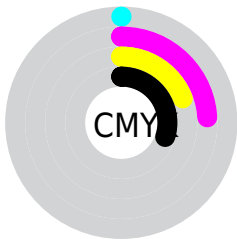
Distribution



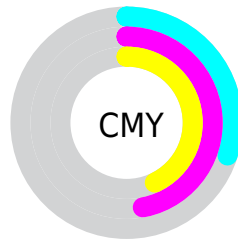
- Red (70%)
- Green (53%)
- Blue (57%)



- Red (70%)
- Yellow (53%)
- Blue (57%)



- Cyan (0%)
- Magenta (24%)
- Yellow (19%)
- Black (30%)





- Cyan (30%)
- Magenta (47%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5054, 29.2364, 30.7180 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 32.5054, 29.2364, 30.7180 by changing the saturation by 10% instead.


 32.5054, 29.2364,
30.7180

 32.5054, 29.2364,
30.7180


305.1197,
298.3287, 319.5479


 21.9052, 19.2597,
20.1275


 62.9624, 58.4525,
61.8702

 13.9035, 11.8581,
12.3028


 83.5500, 78.4607,
83.2690

 8.1348, 6.6471,
6.8252

 108.1974,
102.5815, 109.1077

 4.2339, 3.2424,
3.2762

137.2700,
131.1993, 139.8047

 1.8353, 1.2596,
1.2374

171.1332,
164.6985, 175.7788

 0.5388, 0.1096,
0.0096

210.1523,

 0.0000, 0.0000,

203.4636, 217.4483

0.0000

254.6927,
247.8789, 265.2318

■ 32.5054, 29.2364,
30.7180

■ 32.5054, 29.2364,
30.7180

■ 29.1676, 24.1998,
24.5518

■ 36.4019, 35.1721,
37.7420

■ 26.3601, 20.0145,
19.2085

■ 40.8788, 42.0437,
45.6535

■ 24.0558, 16.6344,
14.6533

■ 45.9596, 49.8907,
54.4827

■ 22.2241, 14.0073,
10.8480

■ 51.6658, 58.7493,
64.2580

■ 20.8310, 12.0749,
7.7516

■ 58.0179, 68.6538,
75.0066

■ 19.8378, 10.7702,
5.3183

■ 65.0354, 79.6367,
86.7545

■ 19.1983, 10.0130,
3.4971

■ 70.6924, 87.6405,
98.8452

■ 18.9316, 9.7202,
2.6662

■ 72.4005, 88.3238,
107.8400

Harmonies

Analogous

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



32.0609, 29.2364, 37.5751



32.5054, 29.2364, 30.7180



31.6293, 29.2364, 25.0070

Triad

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



32.5054, 29.2364, 30.7180



25.2895, 29.2364, 22.4225



25.9360, 29.2364, 44.9725

Complementary

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



32.5054, 29.2364, 30.7180



33.5304, 40.3774, 44.0587

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.



24.2716, 29.2364, 39.8013



32.5054, 29.2364, 30.7180



23.9132, 29.2364, 26.7087

Square

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



32.5054, 29.2364, 30.7180



27.3961, 29.2364, 20.6651



23.5512, 29.2364, 32.9756



28.1843, 29.2364, 46.4383

Rectangle

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



32.5054, 29.2364, 30.7180



30.4417, 29.2364, 22.4152



23.5512, 29.2364, 32.9756



25.2938, 29.2364, 43.5776

Sweetspot

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



32.5062, 29.2377, 30.7186



70.6145, 71.3021, 77.2005



33.4510, 29.3753, 46.5550



15.5381, 15.6333, 16.9160



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.5062, 29.2377, 30.7186



54.8261, 47.2344, 48.7884



33.6540, 32.5999, 27.8129



8.5667, 8.5334, 9.2167



13.3978, 6.8767, 1.9886



0.4426, 0.2248, 0.1733

Inverse Universe

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



32.5062, 29.2377, 30.7186



54.8261, 47.2344, 48.7884



32.0763, 36.0602, 47.9178



8.5667, 8.5334, 9.2167



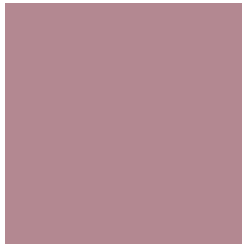
13.3978, 6.8767, 1.9886



0.4426, 0.2248, 0.1733

Previews

White Background



This preview shows how the XYZ color 32.5054, 29.2364, 30.7180 looks on a white background.

Color Contrast Check

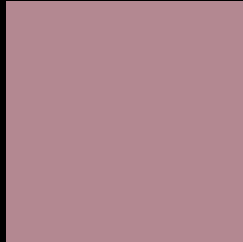
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5054, 29.2364, 30.7180 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 32.5054, 29.2364, 30.7180

Background



This preview shows how black text looks on a background with the XYZ color 32.5054, 29.2364, 30.7180.



This preview shows how white text looks on a background with the XYZ color 32.5054, 29.2364,

30.7180.

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

32.5054, 29.2364, 30.7180

Protanopia

28.4141, 29.4914, 33.4730

Deuteranopia

29.9608, 29.4451, 30.4899



Tritanopia

32.5829, 29.2673, 31.1260

Trichromacy



Original Color

32.5054, 29.2364, 30.7180

Protanomaly

29.7445, 29.2884, 32.5193

Deuteranomaly

30.7743, 29.2048, 30.4007

Tritanomaly

32.5829, 29.2673, 31.1260

Monochromacy



Original Color

32.5054, 29.2364, 30.7180

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.1686, 29.9660, 32.2109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5054, 29.2364, 30.7180 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(179, 136, 145)` looks like.

```
.text, #text, p{  
    color:rgb(179, 136, 145)  
}
```

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(179, 136, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 136, 145) }
```

Border

The CSS property to change the border of an element to XYZ 32.5054, 29.2364, 30.7180 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(179, 136, 145) }
```


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

```
.border{ border-color:rgb(179, 136, 145) }
```

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

Here you see how a box with a 4 pixel rgb(179, 136, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 136, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 136, 145);  
box-shadow:4px 4px 4px 4px rgb(179, 136,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5054, 29.2364, 30.7180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 136, 145) }
```

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

```
.background{ background-color: rgb(179,  
136, 145) }
```

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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