

Converting Colors

XYZ(32.4557, 30.4025, 29.4933)

Have a look what the booklet for
XYZ(32.4557, 30.4025, 29.4933)
contains.

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Color

**XYZ(32.4641, 30.3200,
29.3406)**

Conversions

Conversions Part 1

Format	Color
Hex	B18D8D
RGB	177, 141, 141
RGB Percent	69%, 55%, 55%
CMY	0.3059, 0.4470, 0.4471
CMYK	0.00, 0.20, 0.20, 0.31
HSL	0°, 19%, 62%
HSV	0°, 20%, 69%
XYZ	32.4641, 30.3200, 29.3406
YIQ	151.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

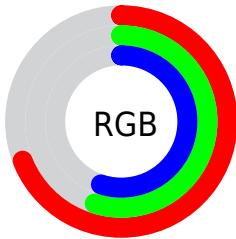
Format	Color
R_{YB}	177, 141, 141
Decimal	11636109
CIE _{Lab}	61.93, 13.61, 5.18
CIE _{LCh}	62, 14.559, 20.840
Yxy	30.3200, 0.3524, 0.3291
Android (android.graphics.Color)	4289826189 (0xFFB18D8D)
YUV	151.7640, -5.3067, 22.1320
Hunter-Lab	55.0636, 8.8778, 6.9519

Details

The XYZ color **32.4641, 30.3200, 29.3406** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.6421, 40.2803, 47.5443**, and the grayscale version is **29.7597, 31.3095, 34.0961**.

A 20% lighter version of the original color is **62.9697, 60.2940, 59.9488**, and **13.9416, 12.5226, 11.5798** is the 20% darker color. If you saturate the color by 10%, you get **28.8466, 25.0268, 22.1481**, and if you desaturate by 10%, it is **36.7108, 36.5342, 37.7820**.

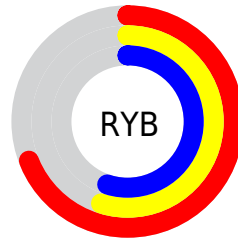
Distribution



Red (69%)

Green (55%)

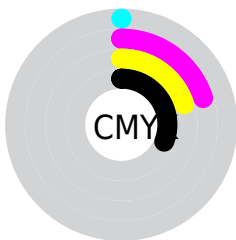
Blue (55%)



Red (69%)

Yellow (55%)

Blue (55%)

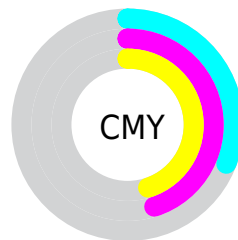


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (31%)



Cyan (31%)


Magenta (45%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4641, 30.3200, 29.3406 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 32.4641, 30.3200, 29.3406 by changing the saturation by 10% instead.


 32.4641, 30.3200,
29.3406


 32.4641, 30.3200,
29.3406


304.9358,
303.3932, 312.9297


 21.8735, 20.0816,
19.0908


 62.8982, 60.1679,
59.6664

 13.8801, 12.4544,
11.5585


 83.4725, 80.5461,
80.5796

 8.1184, 7.0539,
6.3249


 108.1053,
105.0731, 105.8842

 4.2233, 3.4958,
2.9717

137.1621,
134.1333, 135.9990

 1.8292, 1.3958,
1.0802

171.0082,
168.1110, 171.3424

 0.5352, 0.2136,
0.0000

210.0090,

 0.0000, 0.0000,

207.3906, 212.3330

0.0000

254.5297,
252.3565, 259.3892

■ 32.4641, 30.3200,
29.3406

■ 32.4641, 30.3200,
29.3406

■ 28.8466, 25.0268,
22.1481

■ 36.7108, 36.5342,
37.7820

■ 25.8261, 20.6069,
16.1435

■ 41.6119, 43.7059,
47.5256

■ 23.3712, 17.0147,
11.2634

■ 47.1945, 51.8747,
58.6239

■ 21.4468, 14.1987,
7.4379

■ 53.4832, 61.0766,
71.1261

■ 20.0138, 12.1017,
4.5893

■ 60.5014, 71.3460,
85.0787

■ 19.0276, 10.6585,
2.6291

■ 68.2715, 82.7156,
100.5261

■ 18.4358, 9.7925,
1.4529

■ 71.9416, 88.0872,
107.8185

■ 18.1318, 9.3476,
0.8486

Harmonies

Analogous

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



32.6783, 30.3200, 34.7513



32.4641, 30.3200, 29.3406



31.2499, 30.3200, 25.3716

Triad

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



32.4641, 30.3200, 29.3406



26.0092, 30.3200, 26.6895



28.2259, 30.3200, 44.7821

Complementary

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



32.4641, 30.3200, 29.3406



34.6421, 40.2803, 47.5443

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.



26.5161, 30.3200, 42.0534



32.4641, 30.3200, 29.3406



25.2748, 30.3200, 31.3343

Square

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



32.4641, 30.3200, 29.3406



27.5056, 30.3200, 23.9651



25.4561, 30.3200, 36.9804



30.1721, 30.3200, 44.0930

Rectangle

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



32.4641, 30.3200, 29.3406



30.0657, 30.3200, 23.8782



25.4561, 30.3200, 36.9804



27.6058, 30.3200, 44.2237

Sweetspot

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



32.4649, 30.3214, 29.3412



69.3198, 70.6585, 74.7678



35.5925, 31.5716, 45.8133



14.9048, 15.1403, 15.9689



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.



32.4649, 30.3214, 29.3412



55.3722, 50.2495, 47.0401



35.3377, 36.0668, 30.2988



8.4964, 8.5054, 8.8464



13.1370, 6.7726, 0.6148



0.4134, 0.2131, 0.0194

Inverse Universe

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



34.6421, 40.2803, 47.5443



59.9185, 71.0449, 85.0503



31.3188, 33.6337, 46.4365



8.7426, 9.6314, 10.9046



17.1386, 25.0775, 34.0741



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 32.4641, 30.3200, 29.3406 looks on a white background.

Color Contrast Check

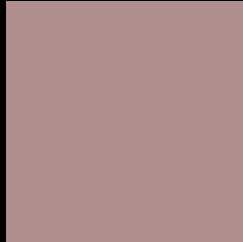
Large Text (above 18pt) WCAG AA × Fail

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 32.4641, 30.3200, 29.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

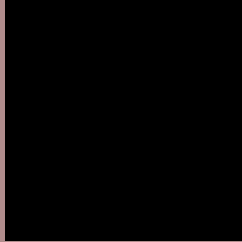
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4641, 30.3200, 29.3406

Background



This preview shows how black text looks on a background with the XYZ color 32.4641, 30.3200, 29.3406.



This preview shows how white text looks on a background with the XYZ color 32.4641, 30.3200,

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

32.4641, 30.3200, 29.3406

Protanopia

29.0726, 30.3425, 31.5185

Deuteranopia

31.0075, 30.4691, 29.0578



Tritanopia

33.2432, 30.4232, 32.9743

Trichromacy



Original Color

32.4641, 30.3200, 29.3406

Protanomaly

30.2132, 30.2528, 30.6325

Deuteranomaly

31.5015, 30.4979, 29.0373

Tritanomaly

33.0046, 30.3277, 31.7181

Monochromacy



Original Color

32.4641, 30.3200, 29.3406

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.6331, 30.8950, 32.3658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4641, 30.3200, 29.3406 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(177, 141, 141)` looks like.

```
.text, #text, p{  
    color:rgb(177, 141, 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(177, 141, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 141, 141) }
```

Border

The CSS property to change the border of an element to XYZ 32.4641, 30.3200, 29.3406 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(177, 141, 141) }
```


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

```
.border{ border-color:rgb(177, 141, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 141, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 141, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 141, 141);  
box-shadow:4px 4px 4px 4px rgb(177, 141,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4641, 30.3200, 29.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 141, 141) }
```

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

```
.background{ background-color: rgb(177,  
141, 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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