

Converting Colors

XYZ(31.9835, 29.2481, 23.2067)

Have a look what the booklet for
XYZ(31.9835, 29.2481, 23.2067)
contains.

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Color

**XYZ(32.1758, 29.4393,
23.3885)**

Conversions

Conversions Part 1

Format	Color
Hex	B7897D
RGB	183, 137, 125
RGB Percent	72%, 54%, 49%
CMY	0.2824, 0.4627, 0.5098
CMYK	0.00, 0.25, 0.32, 0.28
HSL	12°, 29%, 60%
HSV	12°, 32%, 72%
XYZ	32.1758, 29.4393, 23.3885
YIQ	149.3860, 31.2680, 6.0200

Conversions

Conversions Part 2

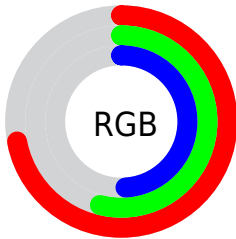
Format	Color
RYB	183, 140, 125
Decimal	12028285
CIELab	61.17, 15.85, 13.27
CIELCh	61, 20.674, 39.929
Yxy	29.4393, 0.3785, 0.3463
Android (android.graphics.Color)	4290218365 (0xFFB7897D)
YUV	149.3860, -12.0223, 29.4795
Hunter-Lab	54.2580, 10.9017, 12.4230

Details

The XYZ color **32.1758, 29.4393, 23.3885** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.5671, 36.9034, 50.2592**, and the grayscale version is **28.7702, 30.2685, 32.9624**.

A 20% lighter version of the original color is **62.6019, 59.0012, 50.2084**, and **13.7660, 12.0053, 8.4292** is the 20% darker color. If you saturate the color by 10%, you get **29.1868, 25.1628, 17.1462**, and if you desaturate by 10%, it is **35.6593, 34.3597, 30.8590**.

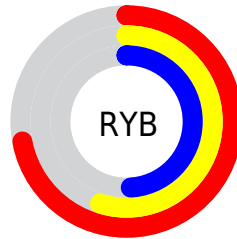
Distribution



Red (72%)

Green (54%)

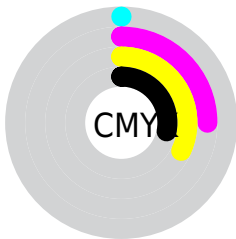
Blue (49%)



Red (72%)

Yellow (55%)

Blue (49%)

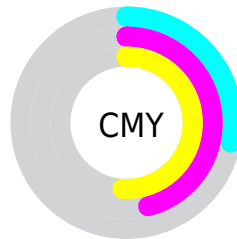


Cyan (0%)

Magenta (25%)

Yellow (32%)

Black (28%)



Cyan (28%)


Magenta (46%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1758, 29.4393, 23.3885 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 32.1758, 29.4393, 23.3885 by changing the saturation by 10% instead.


 32.1758, 29.4393,
23.3885


 32.1758, 29.4393,
23.3885


303.6504,
299.2821, 282.9005

 21.6520, 19.4134,
14.6726


 62.4499, 58.7743,
49.9617

 13.7166, 11.9694,
8.4459


 82.9310, 78.8522,
68.6562

 8.0042, 6.7228,
4.2897


 107.4618,
103.0496, 91.5139

 4.1495, 3.2894,
1.7856

136.4078,
131.7508, 118.9534

 1.7870, 1.2846,
0.4184

170.1343,
165.3403, 151.3933

 0.5098, 0.1292,
0.0000

209.0067,

 0.0000, 0.0000,

204.2024, 189.2521

0.0000

253.3902,
248.7215, 232.9483

■ 32.1758, 29.4393,
23.3885

■ 32.1758, 29.4393,
23.3885

■ 29.1868, 25.1628,
17.1462

■ 35.6593, 34.3597,
30.8590

■ 26.6670, 21.4994,
12.0641

■ 39.6563, 39.9451,
39.6168

■ 24.5927, 18.4217,
8.0706


■ 44.1876, 46.2206,
49.7197


■ 22.9366, 15.8989,
5.0852


■ 49.2722, 53.2087,
61.2211


■ 21.6685, 13.8968,
3.0162


■ 54.9281, 60.9311,
74.1718

 20.7537, 12.3775,
1.7547

 61.1724, 69.4084,
88.6197

 20.2176, 11.4455,
1.1436

 68.0216, 78.6604,
104.6109

 72.7370, 87.6044,
107.6834

 73.3385, 88.8073,
107.8839

Harmonies

Analogous

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



33.4415, 29.4393, 29.5463



32.1758, 29.4393, 23.3885



29.8101, 29.4393, 19.9683

Triad

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



32.1758, 29.4393, 23.3885



23.3611, 29.4393, 27.1951



28.8905, 29.4393, 49.1406

Complementary

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



32.1758, 29.4393, 23.3885



31.5671, 36.9034, 50.2592

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.



26.2286, 29.4393, 48.2372



32.1758, 29.4393, 23.3885



23.1501, 29.4393, 34.7006

Square

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



32.1758, 29.4393, 23.3885



24.7642, 29.4393, 21.9072



24.1679, 29.4393, 42.6333



31.4653, 29.4393, 44.9322

Rectangle

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



32.1758, 29.4393, 23.3885



27.9876, 29.4393, 19.3137



24.1679, 29.4393, 42.6333



27.9747, 29.4393, 49.4387

Sweetspot

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



32.1766, 29.4407, 23.3891



72.2012, 73.1776, 73.5599



34.2512, 27.6904, 42.2680



15.7084, 15.8311, 15.7188



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.1766, 29.4407, 23.3891



53.8231, 47.2957, 33.9095



36.7939, 38.6754, 24.9282



9.1512, 9.3054, 9.4207



14.1451, 8.0666, 0.8115



0.5433, 0.3736, 0.0435

Inverse Universe

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



31.5671, 36.9034, 50.2592



52.5475, 62.7313, 89.5745



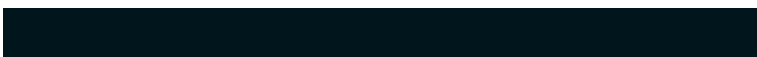
26.7376, 27.2444, 48.6494



9.1046, 9.8865, 11.5078



13.0900, 16.6396, 33.7749



0.5018, 0.6673, 1.2041

Previews

White Background



This preview shows how the XYZ color 32.1758, 29.4393, 23.3885 looks on a white background.

Color Contrast Check

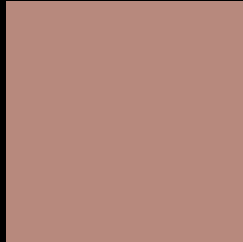
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1758, 29.4393, 23.3885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

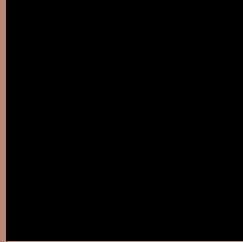
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.1758, 29.4393, 23.3885

Background



This preview shows how black text looks on a background with the XYZ color 32.1758, 29.4393, 23.3885.



This preview shows how white text looks on a background with the XYZ color 32.1758, 29.4393,

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

32.1758, 29.4393, 23.3885

Protanopia

27.9806, 29.4477, 25.3283

Deuteranopia

30.1057, 29.4592, 23.1682



Tritanopia

33.5667, 29.3781, 30.2869

Trichromacy



Original Color

32.1758, 29.4393, 23.3885

Protanomaly

29.2358, 29.2028, 24.5179

Deuteranomaly

30.6954, 29.3254, 23.1113

Tritanomaly

32.9465, 29.3244, 27.5906

Monochromacy



Original Color

32.1758, 29.4393, 23.3885

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.5570, 29.7213, 28.9899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1758, 29.4393, 23.3885 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(183, 137, 125)` looks like.

```
.text, #text, p{  
    color:rgb(183, 137, 125)  
}
```

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(183, 137, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 137, 125) }
```

Border

The CSS property to change the border of an element to XYZ 32.1758, 29.4393, 23.3885 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(183, 137, 125) }
```


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

```
.border{ border-color:rgb(183, 137, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 137, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 137, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 137, 125);  
box-shadow:4px 4px 4px 4px rgb(183, 137,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1758, 29.4393, 23.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 137, 125) }
```

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

```
.background{ background-color: rgb(183,  
137, 125) }
```

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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