

Converting Colors

XYZ(32.1484, 32.4159, 14.1230)

Have a look what the booklet for
XYZ(32.1484, 32.4159, 14.1230)
contains.

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Color

**XYZ(32.0791, 32.2834,
13.9918)**

Conversions

Conversions Part 1

Format	Color
Hex	B79559
RGB	183, 149, 89
RGB Percent	72%, 58%, 35%
CMY	0.2824, 0.4157, 0.6510
CMYK	0.00, 0.19, 0.51, 0.28
HSL	38°, 39%, 53%
HSV	38°, 51%, 72%
XYZ	32.0791, 32.2834, 13.9918
YIQ	152.3260, 39.5240, -11.4520

Conversions

Conversions Part 2

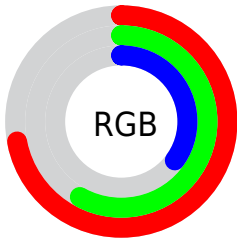
Format	Color
RYB	142, 183, 89
Decimal	12031321
CIELab	63.58, 5.12, 36.28
CIElCh	64, 36.635, 81.966
Yxy	32.2834, 0.4094, 0.4120
Android (android.graphics.Color)	4290221401 (0xFFB79559)
YUV	152.3260, -31.2197, 26.9011
Hunter-Lab	56.8185, 1.3468, 25.1725

Details

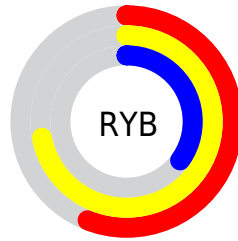
The XYZ color **32.0791, 32.2834, 13.9918** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.7499, 19.7081, 47.5629**, and the grayscale version is **30.1054, 31.6732, 34.4922**.

A 20% lighter version of the original color is **62.3652, 63.3061, 33.7432**, and **13.6700, 13.4847, 3.9801** is the 20% darker color. If you saturate the color by 10%, you get **30.3868, 29.9795, 10.0963**, and if you desaturate by 10%, it is **34.0235, 34.7858, 18.9145**.

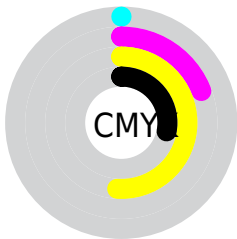
Distribution



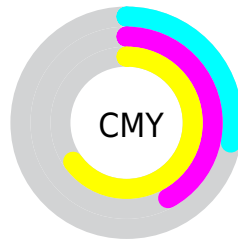
- Red (72%)
- Green (58%)
- Blue (35%)



- Red (56%)
- Yellow (72%)
- Blue (35%)



- Cyan (0%)
- Magenta (19%)
- Yellow (51%)
- Black (28%)





- Cyan (28%)
- Magenta (42%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0791, 32.2834, 13.9918 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 32.0791, 32.2834, 13.9918 by changing the saturation by 10% instead.


 32.0791, 32.2834,
13.9918

 32.0791, 32.2834,
13.9918


303.2183,
312.4082, 228.6065

 21.5778, 21.5781,
7.9763

 62.2994, 63.2551,
33.7914


 13.6618, 13.5472,
3.9922


 82.7491, 84.2903,
48.4125


 7.9660, 7.8064,
1.6211


 107.2457,
109.5375, 66.7393

 4.1248, 3.9713,
0.3058

 136.1544,
139.3811, 89.1903

 1.7730, 1.6575,
0.0000

 169.8407,
174.2056, 116.1839

 0.5013, 0.3959,
0.0000

208.6698,

 0.0000, 0.0000,

214.3954, 148.1388

0.0000

253.0073,
260.3348, 185.4735

■ 32.0791, 32.2834,
13.9918

■ 32.0791, 32.2834,
13.9918

■ 30.3868, 29.9795,
10.0963

■ 34.0235, 34.7858,
18.9145

■ 28.9289, 27.8618,
7.1496

■ 36.2316, 37.4892,
24.9308

■ 27.6886, 25.9233,
5.0654

■ 38.7169, 40.4017,
32.1040

■ 26.6454, 24.1539,
3.7403

■ 41.4912, 43.5295,
40.4918

■ 25.8683, 22.7471,
3.0272

■ 44.5657, 46.8785,
50.1482

■ 47.9506, 50.4543,
61.1237

■ 51.6560, 54.2621,
73.4663

■ 55.6912, 58.3071,
87.2213

■ 60.0653, 62.5943,
102.4320

Harmonies

Analogous

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



37.1495, 32.2834, 17.3102



32.0791, 32.2834, 13.9918



27.1517, 32.2834, 14.9703

Triad

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



32.0791, 32.2834, 13.9918



22.4396, 32.2834, 46.7708



39.0982, 32.2834, 55.5105

Complementary

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



32.0791, 32.2834, 13.9918



19.7499, 19.7081, 47.5629

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.



34.5110, 32.2834, 68.2650



32.0791, 32.2834, 13.9918



25.0166, 32.2834, 62.3208

Square

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



32.0791, 32.2834, 13.9918



21.9423, 32.2834, 31.3609



29.3307, 32.2834, 71.0538



41.4856, 32.2834, 39.2351

Rectangle

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



32.0791, 32.2834, 13.9918



24.5683, 32.2834, 18.0963



29.3307, 32.2834, 71.0538



37.7396, 32.2834, 60.5192

Sweetspot

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



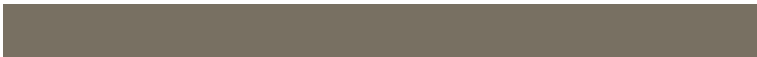
32.0799, 32.2849, 13.9924



72.3181, 75.7392, 66.4227



26.7055, 18.6542, 21.0859



15.7421, 16.4683, 13.9730



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.



32.0799, 32.2849, 13.9924



53.9607, 53.0407, 17.0928



35.4155, 43.1865, 15.9209



9.4696, 9.9422, 9.5268



18.1131, 16.0025, 2.1341



0.6950, 0.6771, 0.0941

Inverse Universe

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



19.7499, 19.7081, 47.5629



29.4024, 28.0358, 84.0975



17.5467, 13.3617, 46.4540



8.7799, 9.2370, 11.3996



7.3893, 5.2383, 31.8747



0.3203, 0.3043, 1.1436

Previews

White Background



This preview shows how the XYZ color 32.0791, 32.2834, 13.9918 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 32.0791, 32.2834, 13.9918 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 32.0791, 32.2834, 13.9918

Background



This preview shows how black text looks on a background with the XYZ color 32.0791, 32.2834, 13.9918.



This preview shows how white text looks on a background with the XYZ color 32.0791, 32.2834,

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

32.0791, 32.2834, 13.9918

Protanopia

29.8061, 32.3015, 14.5614

Deuteranopia

32.9759, 32.2801, 13.9439



Tritanopia

36.1786, 32.1356, 34.0017

Trichromacy



Original Color

32.0791, 32.2834, 13.9918

Protanomaly

30.5293, 32.1933, 14.2777

Deuteranomaly

32.6428, 32.3402, 13.9730

Tritanomaly

34.4292, 32.0963, 25.1495

Monochromacy



Original Color

32.0791, 32.2834, 13.9918

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.1333, 31.5047, 25.2617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0791, 32.2834, 13.9918 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, 149, 89)` looks like.

```
.text, #text, p{  
    color:rgb(183, 149, 89)  
}
```

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, 149, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 149, 89) }
```

Border

The CSS property to change the border of an element to XYZ 32.0791, 32.2834, 13.9918 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, 149, 89) }
```


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

```
.border{ border-color:rgb(183, 149, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 149, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 149, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 149, 89);  
box-shadow:4px 4px 4px 4px rgb(183, 149,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0791, 32.2834, 13.9918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 149, 89) }
```

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

```
.background{ background-color: rgb(183,  
149, 89) }
```

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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