

Converting Colors

XYZ(32.1250, 34.7248, 9.0038)

Have a look what the booklet for
XYZ(32.1250, 34.7248, 9.0038)
contains.

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Color

**XYZ(32.0466, 34.5830,
8.9891)**

Conversions

Conversions Part 1

Format	Color
Hex	B59E3A
RGB	181, 158, 58
RGB Percent	71%, 62%, 23%
CMY	0.2902, 0.3804, 0.7725
CMYK	0.00, 0.13, 0.68, 0.29
HSL	49°, 51%, 47%
HSV	49°, 68%, 71%
XYZ	32.0466, 34.5830, 8.9891
YIQ	153.4770, 45.8080, -26.2240

Conversions

Conversions Part 2

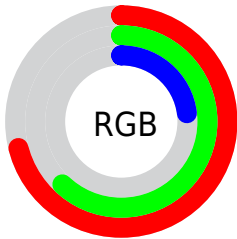
Format	Color
RYB	86, 181, 58
Decimal	11902522
CIELab	65.42, -2.96, 53.30
CIELCh	65, 53.380, 93.174
Yxy	34.5830, 0.4238, 0.4573
Android (android.graphics.Color)	4290092602 (0xFFB59E3A)
YUV	153.4770, -47.0702, 24.1377
Hunter-Lab	58.8073, -5.6406, 32.1022

Details

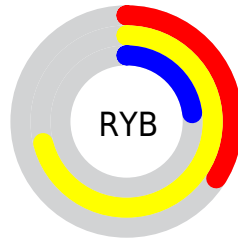
The XYZ color **32.0466, 34.5830, 8.9891** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **13.0277, 10.1202, 44.9824**, and the grayscale version is **30.6723, 32.2696, 35.1416**.

A 20% lighter version of the original color is **62.2931, 66.7380, 24.3504**, and **13.7151, 14.8754, 2.1484** is the 20% darker color. If you saturate the color by 10%, you get **31.0957, 33.2931, 6.7861**, and if you desaturate by 10%, it is **33.1769, 35.9728, 12.0511**.

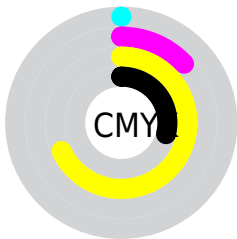
Distribution



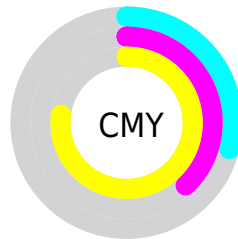
- Red (71%)
- Green (62%)
- Blue (23%)



- Red (34%)
- Yellow (71%)
- Blue (23%)



- Cyan (0%)
- Magenta (13%)
- Yellow (68%)
- Black (29%)





- Cyan (29%)
- Magenta (38%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0466, 34.5830, 8.9891 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 32.0466, 34.5830, 8.9891 by changing the saturation by 10% instead.


 32.0466, 34.5830,
8.9891


 32.0466, 34.5830,
8.9891


303.0730,
322.7239, 193.5116


 21.5528, 23.3418,
4.6374


 62.2488, 66.8393,
24.4533

 13.6434, 14.8461,
1.9811


 82.6880, 88.6231,
36.4028


 7.9531, 8.7115,
0.5436


 107.1730,
114.6901, 51.7219

 4.1165, 4.5535,
0.0000

 136.0692,
145.4244, 70.8293

 1.7683, 1.9877,
0.0000

 169.7419,
181.2106, 94.1434

 0.4984, 0.6003,
0.0000

 208.5566,

 0.0000, 0.0000,

222.4329, 122.0828

0.0000

252.8785,
269.4759, 155.0660

■ 32.0466, 34.5830,
8.9891

■ 32.0466, 34.5830,
8.9891

■ 31.0957, 33.2931,
6.7861

■ 33.1769, 35.9728,
12.0511

■ 30.3037, 32.0906,
5.3461

■ 34.4995, 37.4638,
16.0503

■ 29.6432, 30.9658,
4.5210

■ 36.0289, 39.0633,
21.0588

■ 29.5147, 30.7414,
4.3781

■ 37.7774, 40.7765,
27.1406

■ 39.7562, 42.6081,
34.3548

■ 41.9759, 44.5624,
42.7558

■ 44.4463, 46.6436,
52.3949

■ 47.1765, 48.8555,
63.3200

■ 50.1754, 51.2018,
75.5767

Harmonies

Analogous

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



40.1137, 34.5830, 10.8591



32.0466, 34.5830, 8.9891



25.3273, 34.5830, 11.9307

Triad

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



32.0466, 34.5830, 8.9891



21.8467, 34.5830, 66.3883



48.1531, 34.5830, 60.5558

Complementary

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



32.0466, 34.5830, 8.9891



13.0277, 10.1202, 44.9824

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.



41.7789, 34.5830, 86.2645



32.0466, 34.5830, 8.9891



26.5556, 34.5830, 90.4642

Square

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



32.0466, 34.5830, 8.9891



20.0539, 34.5830, 40.0839



33.7076, 34.5830, 98.8865



50.2347, 34.5830, 35.3263

Rectangle

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



32.0466, 34.5830, 8.9891



22.2669, 34.5830, 17.3311



33.7076, 34.5830, 98.8865



46.3966, 34.5830, 69.7145

Sweetspot

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



32.0474, 34.5846, 8.9898



70.3214, 75.5106, 58.2650



22.1151, 13.4685, 9.5374



14.9841, 16.1230, 11.8061



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.



32.0474, 34.5846, 8.9898



54.8908, 58.4426, 10.5994



28.8066, 39.2913, 10.0691



9.0593, 9.6312, 9.0341



20.3943, 21.2873, 3.0340



0.6766, 0.7396, 0.1071

Inverse Universe

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



13.0277, 10.1202, 44.9824



18.6399, 11.9482, 79.6184



14.5627, 8.7902, 44.6448



8.1663, 8.4787, 10.7125



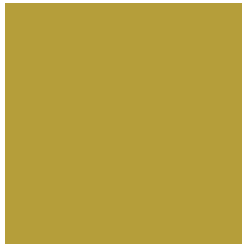
6.1795, 3.1593, 30.4211



0.2327, 0.1759, 0.9699

Previews

White Background



This preview shows how the XYZ color 32.0466, 34.5830, 8.9891 looks on a white background.

Color Contrast Check

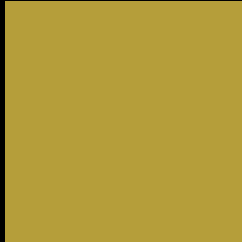
Large Text (above 18pt) WCAG AA × Fail

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 32.0466, 34.5830, 8.9891 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 32.0466, 34.5830, 8.9891

Background



This preview shows how black text looks on a background with the XYZ color 32.0466, 34.5830, 8.9891.



This preview shows how white text looks on a background with the XYZ color 32.0466, 34.5830,

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

32.0466, 34.5830, 8.9891

Protanopia

31.5220, 34.5667, 9.0137

Deuteranopia

35.1709, 34.4652, 9.0737



Tritanopia

37.8342, 34.5018, 37.4663

Trichromacy



Original Color

32.0466, 34.5830, 8.9891

Protanomaly

31.7523, 34.6855, 9.0244

Deuteranomaly

34.0832, 34.6334, 9.0262

Tritanomaly

34.9908, 34.3007, 23.1888

Monochromacy



Original Color

32.0466, 34.5830, 8.9891

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.0956, 32.5372, 21.8336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0466, 34.5830, 8.9891 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(181, 158, 58)` looks like.

```
.text, #text, p{  
    color:rgb(181, 158, 58)  
}
```

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(181, 158, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 158, 58) }
```

Border

The CSS property to change the border of an element to XYZ 32.0466, 34.5830, 8.9891 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(181, 158, 58) }
```


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

```
.border{ border-color:rgb(181, 158, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 158, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 158, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 158, 58);  
box-shadow:4px 4px 4px 4px rgb(181, 158,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0466, 34.5830, 8.9891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 158, 58) }
```

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

```
.background{ background-color: rgb(181,  
158, 58) }
```

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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