

Converting Colors

XYZ(32.2943, 34.0638, 11.1980)

Have a look what the booklet for
XYZ(32.2943, 34.0638, 11.1980)
contains.

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Color

**XYZ(32.3825, 34.2031,
11.1984)**

Conversions

Conversions Part 1

Format	Color
Hex	B69C49
RGB	182, 156, 73
RGB Percent	71%, 61%, 29%
CMY	0.2863, 0.3882, 0.7137
CMYK	0.00, 0.14, 0.60, 0.29
HSL	46°, 43%, 50%
HSV	46°, 60%, 71%
XYZ	32.3825, 34.2031, 11.1984
YIQ	154.3120, 42.1390, -20.3010

Conversions

Conversions Part 2

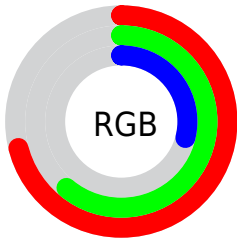
Format	Color
RYB	107, 182, 73
Decimal	11967561
CIELab	65.12, -0.45, 46.16
CIELCh	65, 46.165, 90.564
Yxy	34.2031, 0.4163, 0.4397
Android (android.graphics.Color)	4290157641 (0xFFB69C49)
YUV	154.3120, -40.0868, 24.2824
Hunter-Lab	58.4834, -3.5098, 29.5855

Details

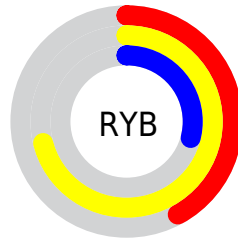
The XYZ color **32.3825, 34.2031, 11.1984** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **15.6528, 13.7170, 46.0785**, and the grayscale version is **31.0109, 32.6259, 35.5296**.

A 20% lighter version of the original color is **62.6199, 66.0737, 28.5219**, and **13.7911, 14.5929, 2.7993** is the 20% darker color. If you saturate the color by 10%, you get **31.1500, 32.5667, 8.2338**, and if you desaturate by 10%, it is **33.8192, 35.9654, 15.1029**.

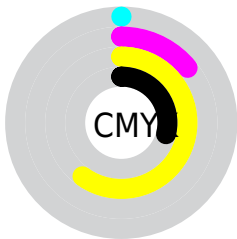
Distribution



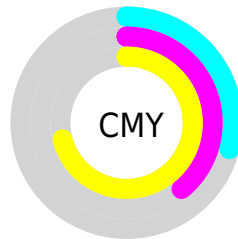
- Red (71%)
- Green (61%)
- Blue (29%)



- Red (42%)
- Yellow (71%)
- Blue (29%)



- Cyan (0%)
- Magenta (14%)
- Yellow (60%)
- Black (29%)



- Cyan (29%)
- Magenta (39%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3825, 34.2031, 11.1984 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 32.3825, 34.2031, 11.1984 by changing the saturation by 10% instead.

■ 32.3825, 34.2031,
11.1984

■ 32.3825, 34.2031,
11.1984

304.5724,
321.0367, 209.8097

■ 21.8108, 23.0497,
6.0846

■ 62.7714, 66.2494,
28.6687

■ 13.8338, 14.6302,
2.8270

■ 83.3193, 87.9110,
41.8623

■ 8.0861, 8.5603,
1.0070

■ 107.9233,
113.8442, 58.5862

■ 4.2023, 4.4555,
0.0000

■ 136.9488,
144.4333, 79.2590

■ 1.8172, 1.9315,
0.0000

■ 170.7611,
180.0627, 104.2992

■ 0.5280, 0.5672,
0.0000

209.7255,

■ 0.0000, 0.0000,

221.1168, 134.1254

0.0000

254.2075,
267.9800, 169.1560

■ 32.3825, 34.2031,
11.1984

■ 32.3825, 34.2031,
11.1984

■ 31.1500, 32.5667,
8.2338

■ 33.8192, 35.9654,
15.1029

■ 30.1032, 31.0445,
6.1233

■ 35.4719, 37.8550,
20.0189

■ 29.2238, 29.6300,
4.7686

■ 37.3544, 39.8789,
26.0136

■ 28.4735, 28.3075,
3.9690

■ 39.4783, 42.0423,
33.1477

■ 28.4654, 28.2932,
3.9608

■ 41.8546, 44.3499,
41.4773

■ 44.4935, 46.8063,
51.0549

■ 47.4045, 49.4157,
61.9299

■ 50.5969, 52.1820,
74.1487

■ 54.0791, 55.1092,
87.7559

Harmonies

Analogous

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



39.2565, 34.2031, 13.4730



32.3825, 34.2031, 11.1984



26.3913, 34.2031, 13.6581

Triad

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



32.3825, 34.2031, 11.1984



22.6345, 34.2031, 59.3160



45.0616, 34.2031, 58.4630

Complementary

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



32.3825, 34.2031, 11.1984



15.6528, 13.7170, 46.0785

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.



39.5059, 34.2031, 78.8733



32.3825, 34.2031, 11.1984



26.5827, 34.2031, 79.4732

Square

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



32.3825, 34.2031, 11.1984



21.2586, 34.2031, 37.6054



32.6359, 34.2031, 87.6250



47.1591, 34.2031, 36.8797

Rectangle

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



32.3825, 34.2031, 11.1984



23.5440, 34.2031, 18.3849



32.6359, 34.2031, 87.6250



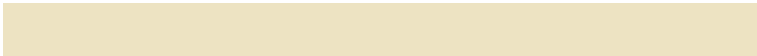
43.5021, 34.2031, 65.9203

Sweetspot

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



32.3833, 34.2047, 11.1991



72.2256, 76.8678, 62.3423



23.9865, 15.6354, 13.8742



15.6902, 16.7173, 12.8682



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.



32.3833, 34.2047, 11.1991



55.8072, 58.1019, 13.4901



31.4002, 40.8807, 12.5395



9.5638, 10.1305, 9.5582



20.1553, 20.0870, 2.8149



0.7551, 0.7973, 0.1141

Inverse Universe

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



15.6528, 13.7170, 46.0785



22.8525, 17.8366, 82.4741



16.1095, 10.8664, 45.5042



8.6904, 9.0580, 11.3698



6.6273, 3.7143, 31.6207



0.2828, 0.2293, 1.1311

Previews

White Background



This preview shows how the XYZ color 32.3825, 34.2031, 11.1984 looks on a white background.

Color Contrast Check

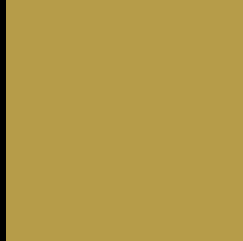
Large Text (above 18pt) WCAG AA × Fail

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 32.3825, 34.2031, 11.1984 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 32.3825, 34.2031, 11.1984

Background



This preview shows how black text looks on a background with the XYZ color 32.3825, 34.2031, 11.1984.

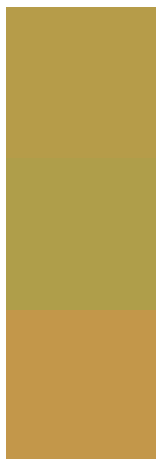


This preview shows how white text looks on a background with the XYZ color 32.3825, 34.2031,

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

32.3825, 34.2031, 11.1984

Protanopia

31.1421, 34.0621, 11.4118

Deuteranopia

34.8083, 34.2297, 11.2510



Tritanopia

37.5915, 34.1549, 36.9590

Trichromacy



Original Color

32.3825, 34.2031, 11.1984

Protanomaly

31.6531, 34.0733, 11.3871

Deuteranomaly

33.8625, 34.2240, 11.2997

Tritanomaly

34.9868, 33.7841, 24.7557

Monochromacy



Original Color

32.3825, 34.2031, 11.1984

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.7329, 32.8159, 24.1163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3825, 34.2031, 11.1984 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(182, 156, 73)` looks like.

```
.text, #text, p{  
    color:rgb(182, 156, 73)  
}
```

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(182, 156, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 156, 73) }
```

Border

The CSS property to change the border of an element to XYZ 32.3825, 34.2031, 11.1984 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(182, 156, 73) }
```


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

```
.border{ border-color:rgb(182, 156, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 156, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 156, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 156, 73);  
box-shadow:4px 4px 4px 4px rgb(182, 156,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3825, 34.2031, 11.1984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 156, 73) }
```

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

```
.background{ background-color: rgb(182,  
156, 73) }
```

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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