

Converting Colors

XYZ(33.1437, 29.3484, 31.1121)

Have a look what the booklet for
XYZ(33.1437, 29.3484, 31.1121)
contains.

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Color

**XYZ(33.1437, 29.3484,
31.1121)**

Conversions

Conversions Part 1

Format	Color
Hex	B68792
RGB	182, 135, 146
RGB Percent	71%, 53%, 57%
CMY	0.2863, 0.4706, 0.4274
CMYK	0.00, 0.26, 0.20, 0.29
HSL	346°, 24%, 62%
HSV	346°, 26%, 71%
XYZ	33.1437, 29.3484, 31.1121
YIQ	150.3070, 24.4810, 13.3850

Conversions

Conversions Part 2

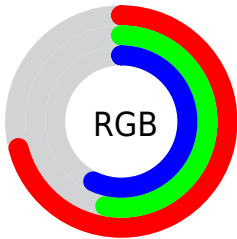
Format	Color
RYB	182, 135, 146
Decimal	11962258
CIELab	61.09, 19.66, 1.18
CIELCh	61, 19.691, 3.434
Yxy	29.3484, 0.3541, 0.3135
Android (android.graphics.Color)	4290152338 (0xFFB68792)
YUV	150.3070, -2.1234, 27.7948
Hunter-Lab	54.1742, 14.4013, 3.8718

Details

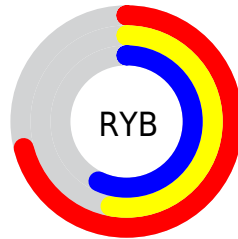
The XYZ color **33.1437, 29.3484, 31.1121** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.0715, 41.5478, 44.7539**, and the grayscale version is **29.1220, 30.6386, 33.3654**.

A 20% lighter version of the original color is **64.2195, 58.9160, 62.6308**, and **14.2619, 11.9307, 12.6175** is the 20% darker color. If you saturate the color by 10%, you get **29.7990, 24.2898, 24.9690**, and if you desaturate by 10%, it is **37.0564, 35.3307, 38.0978**.

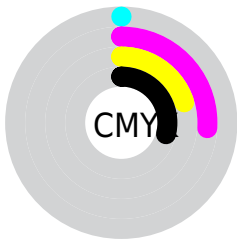
Distribution



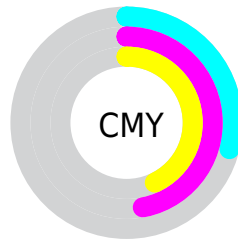
- Red (71%)
- Green (53%)
- Blue (57%)



- Red (71%)
- Yellow (53%)
- Blue (57%)



- Cyan (0%)
- Magenta (26%)
- Yellow (20%)
- Black (29%)





- Cyan (29%)
- Magenta (47%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.1437, 29.3484, 31.1121 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 33.1437, 29.3484, 31.1121 by changing the saturation by 10% instead.

 33.1437, 29.3484,
31.1121


 33.1437, 29.3484,
31.1121


307.9503,
298.8553, 321.4216


 22.3963, 19.3445,
20.4250


 63.9530, 58.6302,
62.4982

 14.2666, 11.9195,
12.5173


 84.7456, 78.6769,
84.0343

 8.3893, 6.6889,
6.9702


 109.6173,
102.8400, 110.0238

 4.3989, 3.2683,
3.3653

138.9336,
131.5039, 140.8852

 1.9302, 1.2734,
1.2840

173.0596,
165.0529, 177.0372

 0.5943, 0.1204,
0.0487

212.3608,

 0.0000, 0.0000,

203.8716, 218.8983

0.0000

257.2026,
248.3443, 266.8869

■ 33.1437, 29.3484,
31.1121

■ 33.1437, 29.3484,
31.1121

■ 29.7990, 24.2898,
24.9690

■ 37.0564, 35.3307,
38.0978

■ 26.9930, 20.1049,
19.6343

■ 41.5597, 42.2756,
45.9547

■ 24.6975, 16.7450,
15.0742

■ 46.6778, 50.2244,
54.7125

■ 22.8808, 14.1549,
11.2516

■ 52.4329, 59.2150,
64.3987

■ 21.5071, 12.2727,
8.1264

■ 58.8462, 69.2833,
75.0398

■ 20.5358, 11.0270,
5.6543

■ 65.9377, 80.4634,
86.6612

■ 19.9161, 10.3270,
3.7845

■ 71.3187, 87.9720,
98.4845

■ 19.7200, 10.1165,
3.1591

■ 73.1015, 88.6851,
107.8728

Harmonies

Analogous

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



32.5697, 29.3484, 38.7374



33.1437, 29.3484, 31.1121



32.2414, 29.3484, 24.7513

Triad

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



33.1437, 29.3484, 31.1121



25.2506, 29.3484, 21.5079



25.7352, 29.3484, 46.4165

Complementary

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



33.1437, 29.3484, 31.1121



34.0715, 41.5478, 44.7539

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.



23.9575, 29.3484, 40.4371



33.1437, 29.3484, 31.1121



23.6901, 29.3484, 26.0152

Square

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



33.1437, 29.3484, 31.1121



27.5987, 29.3484, 19.7714



23.2315, 29.3484, 32.8138



28.1929, 29.3484, 48.3328

Rectangle

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



33.1437, 29.3484, 31.1121



30.9547, 29.3484, 21.8516



23.2315, 29.3484, 32.8138



25.0434, 29.3484, 44.7740

Sweetspot

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



33.1445, 29.3497, 31.1127



73.3605, 73.5726, 79.8761



33.7402, 29.2808, 48.1297



15.9243, 15.8194, 17.1578



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.



33.1445, 29.3497, 31.1127



56.5087, 47.7797, 49.8716



34.0605, 32.4854, 27.3985



9.0884, 9.0457, 9.8131



13.9479, 7.1529, 2.3465



0.5162, 0.2620, 0.2118

Inverse Universe

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



33.1445, 29.3497, 31.1127



56.5087, 47.7797, 49.8716



32.8579, 37.3725, 49.7380



9.0884, 9.0457, 9.8131



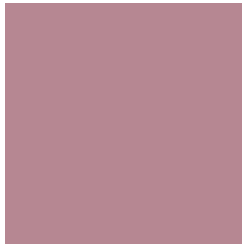
13.9479, 7.1529, 2.3465



0.5162, 0.2620, 0.2118

Previews

White Background



This preview shows how the XYZ color 33.1437, 29.3484, 31.1121 looks on a white background.

Color Contrast Check

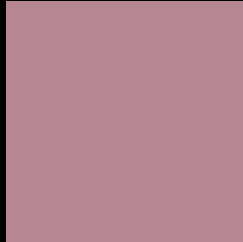
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.1437, 29.3484, 31.1121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

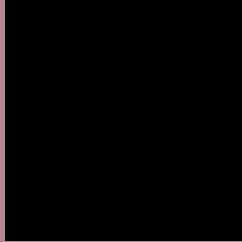
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.1437, 29.3484, 31.1121

Background



This preview shows how black text looks on a background with the XYZ color 33.1437, 29.3484, 31.1121.



This preview shows how white text looks on a background with the XYZ color 33.1437, 29.3484,

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

33.1437, 29.3484, 31.1121

Protanopia

28.5779, 29.5569, 34.3358

Deuteranopia

30.0376, 29.4758, 30.8943



Tritanopia

33.0662, 29.3174, 30.7041

Trichromacy



Original Color

33.1437, 29.3484, 31.1121

Protanomaly

30.0254, 29.4240, 32.9511

Deuteranomaly

31.0665, 29.3465, 30.8151

Tritanomaly

33.0662, 29.3174, 30.7041

Monochromacy



Original Color

33.1437, 29.3484, 31.1121

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.4505, 30.1021, 32.6391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1437, 29.3484, 31.1121 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, 135, 146)` looks like.

```
.text, #text, p{  
    color:rgb(182, 135, 146)  
}
```

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, 135, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 135, 146) }
```

Border

The CSS property to change the border of an element to XYZ 33.1437, 29.3484, 31.1121 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, 135, 146) }
```


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

```
.border{ border-color:rgb(182, 135, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 135, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 135, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 135, 146);  
box-shadow:4px 4px 4px 4px rgb(182, 135,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1437, 29.3484, 31.1121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 135, 146) }
```

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

```
.background{ background-color: rgb(182,  
135, 146) }
```

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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