

Converting Colors

XYZ(30.1868, 34.8113, 25.8971)

Have a look what the booklet for
XYZ(30.1868, 34.8113, 25.8971)
contains.

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Color

**XYZ(30.1868, 34.8113,
25.8971)**

Conversions

Conversions Part 1

Format	Color
Hex	98A481
RGB	152, 164, 129
RGB Percent	60%, 64%, 51%
CMY	0.4039, 0.3568, 0.4941
CMYK	0.07, 0.00, 0.21, 0.36
HSL	81°, 16%, 57%
HSV	81°, 21%, 64%
XYZ	30.1868, 34.8113, 25.8971
YIQ	156.4220, 4.0830, -13.4290

Conversions

Conversions Part 2

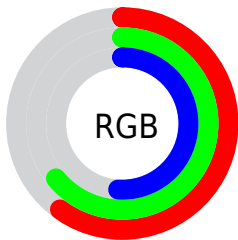
Format	Color
R_{YB}	129, 164, 141
Decimal	10003585
CIE Lab	65.60, -10.59, 16.78
CIE LCh	66, 19.841, 122.269
Yxy	34.8113, 0.3321, 0.3830
Android (android.graphics.Color)	4288193665 (0xFF98A481)
YUV	156.4220, -13.5190, -3.8781
Hunter-Lab	59.0011, -11.9258, 15.2769

Details

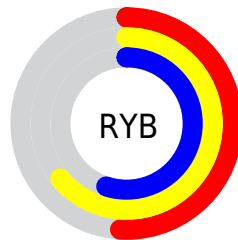
The XYZ color **30.1868, 34.8113, 25.8971** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.5370, 24.0445, 38.4190**, and the grayscale version is **31.8466, 33.5051, 36.4871**.

A 20% lighter version of the original color is **59.2286, 67.1622, 54.0979**, and **12.6090, 14.9342, 9.8074** is the 20% darker color. If you saturate the color by 10%, you get **28.1555, 33.8812, 20.5610**, and if you desaturate by 10%, it is **32.4449, 35.8402, 32.1586**.

Distribution



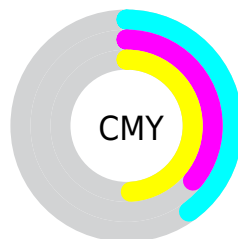
- Red (60%)
- Green (64%)
- Blue (51%)



- Red (51%)
- Yellow (64%)
- Blue (55%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (36%)





- Cyan (40%)
- Magenta (36%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1868, 34.8113, 25.8971 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 30.1868, 34.8113, 25.8971 by changing the saturation by 10% instead.


 30.1868, 34.8113,
25.8971


 30.1868, 34.8113,
25.8971


294.6684,
323.7346, 295.8660

 20.1292, 23.5176,
16.5216


 59.3421, 67.1933,
54.0909

 12.5978, 14.9761,
9.7357


 79.1704, 89.0504,
73.7464

 7.2273, 8.8026,
5.1207


 102.9864,
115.1974, 97.6655

 3.6522, 4.6127,
2.2583

131.1554,
146.0187, 126.2669

 1.5073, 2.0218,
0.7077

164.0428,
181.8986, 159.9691

 0.3308, 0.6201,
0.0000

202.0138,

 0.0000, 0.0000,

223.2217, 199.1907

0.0000

245.4339,
270.3722, 244.3501

■ 30.1868, 34.8113,
25.8971

■ 30.1868, 34.8113,
25.8971

■ 28.1555, 33.8812,
20.5610

■ 32.4449, 35.8402,
32.1586

■ 26.3392, 33.0416,
16.1043

■ 34.9355, 36.9668,
39.3843

■ 24.7290, 32.2901,
12.4800

■ 37.6674, 38.1958,
47.6135

■ 23.3146, 31.6224,
9.6363

■ 40.6482, 39.5305,
56.8825

■ 22.0840, 31.0337,
7.5154

■ 43.8852, 40.9736,
67.2259

■ 21.0242, 30.5186,
6.0514

■ 47.3851, 42.5280,
78.6769

■ 20.1195, 30.0709,
5.1664

■ 51.1546, 44.1965,
91.2668

■ 19.4316, 29.7256,
4.7135

■ 54.3506, 45.6419,
100.5529

■ 55.8510, 46.4153,
100.6231

Harmonies

Analogous

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



32.8659, 34.8113, 24.0322



30.1868, 34.8113, 25.8971



28.3743, 34.8113, 30.9208

Triad

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



30.1868, 34.8113, 25.8971



30.5495, 34.8113, 53.9431



39.0032, 34.8113, 37.2722

Complementary

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



30.1868, 34.8113, 25.8971



25.5370, 24.0445, 38.4190

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.



38.2948, 34.8113, 45.8656



30.1868, 34.8113, 25.8971



33.3093, 34.8113, 56.2907

Square

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



30.1868, 34.8113, 25.8971



28.5749, 34.8113, 47.1259



36.1675, 34.8113, 53.1437



38.0509, 34.8113, 29.9705

Rectangle

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



30.1868, 34.8113, 25.8971



27.8431, 34.8113, 35.7872



36.1675, 34.8113, 53.1437



38.9513, 34.8113, 40.1019

Sweetspot

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



30.1877, 34.8128, 25.8978



61.2002, 66.0991, 65.0060



28.7493, 28.4302, 24.7417



13.3197, 14.4235, 14.0381



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.1877, 34.8128, 25.8978



52.8445, 62.2962, 41.8167



27.2039, 33.2746, 25.7582



7.4124, 8.1151, 7.5558



14.9509, 22.8180, 3.6163



0.3617, 0.5040, 0.0782

Inverse Universe

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



25.5370, 24.0445, 38.4190



42.7468, 38.9111, 69.0099



28.6857, 25.6677, 38.5663



6.9188, 6.9725, 8.8842



6.4456, 2.7293, 27.1169



0.1846, 0.0827, 0.5721

Previews

White Background



This preview shows how the XYZ color 30.1868, 34.8113, 25.8971 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 30.1868, 34.8113, 25.8971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

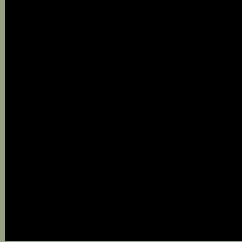
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.1868, 34.8113, 25.8971

Background



This preview shows how black text looks on a background with the XYZ color 30.1868, 34.8113, 25.8971.



This preview shows how white text looks on a background with the XYZ color 30.1868, 34.8113,

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

30.1868, 34.8113, 25.8971

Protanopia

32.5911, 34.7636, 25.0710

Deuteranopia

35.2551, 34.6115, 26.2953



Tritanopia

33.6781, 34.6631, 43.4437

Trichromacy



Original Color

30.1868, 34.8113, 25.8971

Protanomaly

31.7454, 34.8348, 25.4727

Deuteranomaly

33.0995, 34.4963, 26.0330

Tritanomaly

32.2819, 34.6098, 36.4314

Monochromacy



Original Color

30.1868, 34.8113, 25.8971

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.1040, 33.8402, 32.0866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1868, 34.8113, 25.8971 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(152, 164, 129)` looks like.

```
.text, #text, p{  
    color:rgb(152, 164, 129)  
}
```

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(152, 164, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 164, 129) }
```

Border

The CSS property to change the border of an element to XYZ 30.1868, 34.8113, 25.8971 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(152, 164, 129) }
```


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

```
.border{ border-color:rgb(152, 164, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 164, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 164, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 164, 129);  
box-shadow:4px 4px 4px 4px rgb(152, 164,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1868, 34.8113, 25.8971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 164, 129) }
```

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

```
.background{ background-color: rgb(152,  
164, 129) }
```

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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