

Converting Colors

XYZ(30.7473, 34.3066, 14.9141)

Have a look what the booklet for
XYZ(30.7473, 34.3066, 14.9141)
contains.

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Color

**XYZ(30.8213, 34.3320,
14.8998)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A05B
RGB	169, 160, 91
RGB Percent	66%, 63%, 36%
CMY	0.3373, 0.3725, 0.6431
CMYK	0.00, 0.05, 0.46, 0.34
HSL	53°, 31%, 51%
HSV	53°, 46%, 66%
XYZ	30.8213, 34.3320, 14.8998
YIQ	154.8250, 27.5130, -19.5510

Conversions

Conversions Part 2

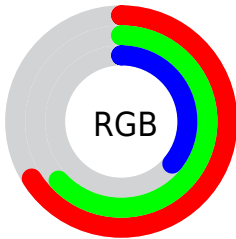
Format	Color
RYB	101, 169, 91
Decimal	11116635
CIELab	65.23, -6.60, 36.98
CIELCh	65, 37.564, 100.116
Yxy	34.3320, 0.3850, 0.4289
Android (android.graphics.Color)	4289306715 (0xFFA9A05B)
YUV	154.8250, -31.4657, 12.4315
Hunter-Lab	58.5935, -8.6443, 25.9386

Details

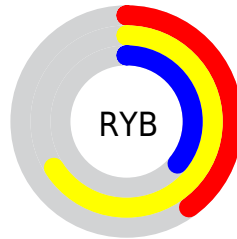
The XYZ color **30.8213, 34.3320, 14.8998** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.0328, 14.2025, 39.4323**, and the grayscale version is **31.2053, 32.8304, 35.7523**.

A 20% lighter version of the original color is **60.5470, 66.7226, 35.2788**, and **12.9568, 14.7493, 4.3545** is the 20% darker color. If you saturate the color by 10%, you get **29.8379, 33.4035, 11.3715**, and if you desaturate by 10%, it is **31.9758, 35.3399, 19.2960**.

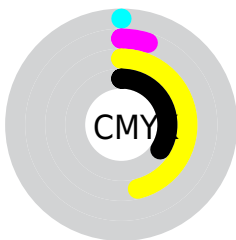
Distribution



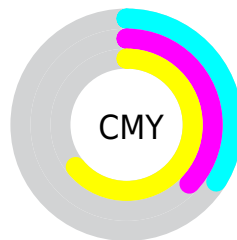
- Red (66%)
- Green (63%)
- Blue (36%)



- Red (40%)
- Yellow (66%)
- Blue (36%)



- Cyan (0%)
- Magenta (5%)
- Yellow (46%)
- Black (34%)



- Cyan (34%)
- Magenta (37%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8213, 34.3320, 14.8998 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 30.8213, 34.3320, 14.8998 by changing the saturation by 10% instead.

■ 30.8213, 34.3320,
14.8998

■ 30.8213, 34.3320,
14.8998

297.5558,
321.6099, 234.3788

■ 20.6140, 23.1488,
8.6033

■ 60.3364, 66.4496,
35.4171

■ 12.9530, 14.7034,
4.3901

■ 80.3748, 88.1528,
50.4750

■ 7.4729, 8.6115,
1.8417

■ 104.4210,
114.1314, 69.2903

■ 3.8085, 4.4886,
0.4552

■ 132.8404,
144.7699, 92.2817

■ 1.5944, 1.9505,
0.0000

165.9981,
180.4526, 119.8678

■ 0.3888, 0.5785,
0.0000

204.2597,

■ 0.0000, 0.0000,

221.5639, 152.4669

0.0000

247.9905,
268.4882, 190.4977

■ 30.8213, 34.3320,
14.8998

■ 30.8213, 34.3320,
14.8998

■ 29.8379, 33.4035,
11.3715

■ 31.9758, 35.3399,
19.2960

■ 29.0121, 32.5452,
8.6501

■ 33.3092, 36.4267,
24.6112

■ 28.3319, 31.7536,
6.6703

■ 34.8315, 37.5975,
30.8952

■ 27.7830, 31.0228,
5.3556

■ 36.5514, 38.8560,
38.1935

■ 27.3456, 30.3450,
4.6026

■ 38.4771, 40.2055,
46.5487

■ 27.1904, 30.0917,
4.3752

■ 40.6163, 41.6489,
56.0012

■ 42.9761, 43.1894,
66.5889

■ 45.5635, 44.8296,
78.3482

■ 48.3852, 46.5723,
91.3136

Harmonies

Analogous

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



36.3359, 34.3320, 15.6294



30.8213, 34.3320, 14.8998



26.3209, 34.3320, 18.7736

Triad

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



30.8213, 34.3320, 14.8998



25.2401, 34.3320, 60.3067



43.5389, 34.3320, 48.5747

Complementary

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



30.8213, 34.3320, 14.8998



16.0328, 14.2025, 39.4323

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.



39.8779, 34.3320, 65.4276



30.8213, 34.3320, 14.8998



29.1879, 34.3320, 73.4046

Square

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



30.8213, 34.3320, 14.8998



23.3451, 34.3320, 42.9178



34.5113, 34.3320, 75.5033



44.1023, 34.3320, 32.3434

Rectangle

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



30.8213, 34.3320, 14.8998



24.3456, 34.3320, 24.3077



34.5113, 34.3320, 75.5033



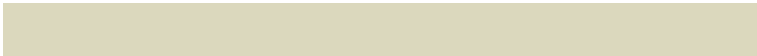
42.6118, 34.3320, 54.4619

Sweetspot

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



30.8221, 34.3336, 14.9005



62.9397, 67.7519, 57.6758



22.4085, 16.8395, 14.1517



13.5857, 14.6681, 12.0149



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.8221, 34.3336, 14.9005



53.4657, 59.8511, 20.4601



26.7406, 34.6288, 15.1726



8.0719, 8.6239, 8.0284



20.2900, 22.4773, 3.2691



0.5138, 0.5871, 0.0862

Inverse Universe

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



16.0328, 14.2025, 39.4323



23.7970, 19.4852, 69.7319



18.7739, 14.4049, 39.3268



7.1989, 7.4347, 9.4740



5.5387, 2.5376, 28.1734



0.1554, 0.1030, 0.6923

Previews

White Background



This preview shows how the XYZ color 30.8213, 34.3320, 14.8998 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 30.8213, 34.3320, 14.8998 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 30.8213, 34.3320, 14.8998

Background



This preview shows how black text looks on a background with the XYZ color 30.8213, 34.3320, 14.8998.



This preview shows how white text looks on a background with the XYZ color 30.8213, 34.3320,

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

30.8213, 34.3320, 14.8998

Protanopia

31.5279, 34.1906, 14.6106

Deuteranopia

34.7806, 34.1300, 15.1105



Tritanopia

35.9706, 34.4479, 39.4036

Trichromacy



Original Color

30.8213, 34.3320, 14.8998

Protanomaly

31.2569, 34.3051, 14.6470

Deuteranomaly

33.2545, 34.0743, 14.9495

Tritanomaly

33.6923, 34.2475, 28.5016

Monochromacy



Original Color

30.8213, 34.3320, 14.8998

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.7190, 33.2535, 26.6293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8213, 34.3320, 14.8998 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(169, 160, 91)` looks like.

```
.text, #text, p{  
    color:rgb(169, 160, 91)  
}
```

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(169, 160, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 160, 91) }
```

Border

The CSS property to change the border of an element to XYZ 30.8213, 34.3320, 14.8998 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(169, 160, 91) }
```


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

```
.border{ border-color:rgb(169, 160, 91) }
```

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

Here you see how a box with a 4 pixel rgb(169, 160, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 160, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 160, 91);  
box-shadow:4px 4px 4px 4px rgb(169, 160,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8213, 34.3320, 14.8998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 160, 91) }
```

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

```
.background{ background-color: rgb(169,  
160, 91) }
```

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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