

Converting Colors

XYZ(34.3087, 34.1963, 31.3574)

Have a look what the booklet for
XYZ(34.3087, 34.1963, 31.3574)
contains.

XYZ(34.2688, 34.2388, 31.1881)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.2688, 34.2388,
31.1881)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9A90
RGB	175, 154, 144
RGB Percent	69%, 60%, 56%
CMY	0.3137, 0.3961, 0.4353
CMYK	0.00, 0.12, 0.18, 0.31
HSL	19°, 16%, 63%
HSV	19°, 18%, 69%
XYZ	34.2688, 34.2388, 31.1881
YIQ	159.1390, 15.7260, 1.3420

Conversions

Conversions Part 2

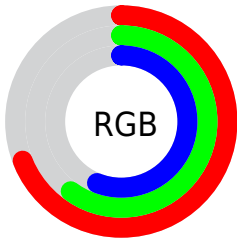
Format	Color
RYB	175, 159, 144
Decimal	11508368
CIELab	65.15, 6.08, 8.08
CIELCh	65, 10.110, 53.048
Yxy	34.2388, 0.3437, 0.3434
Android (android.graphics.Color)	4289698448 (0xFFAF9A90)
YUV	159.1390, -7.4635, 13.9101
Hunter-Lab	58.5139, 2.1395, 9.3580

Details

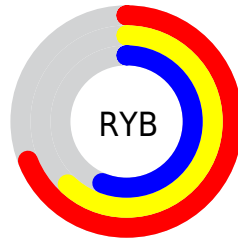
The XYZ color **34.2688, 34.2388, 31.1881** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6942, 35.9337, 45.7703**, and the grayscale version is **33.0470, 34.7680, 37.8624**.

A 20% lighter version of the original color is **65.7039, 66.1779, 62.7367**, and **14.8967, 14.6462, 12.6315** is the 20% darker color. If you saturate the color by 10%, you get **31.1732, 30.0245, 24.0609**, and if you desaturate by 10%, it is **37.7669, 38.9255, 39.4732**.

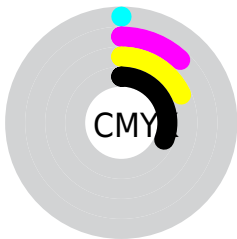
Distribution



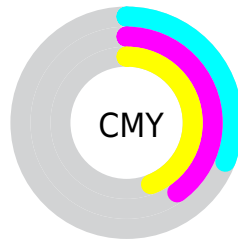
- Red (69%)
- Green (60%)
- Blue (56%)



- Red (69%)
- Yellow (62%)
- Blue (56%)



- Cyan (0%)
- Magenta (12%)
- Yellow (18%)
- Black (31%)





- Cyan (31%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2688, 34.2388, 31.1881 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 34.2688, 34.2388, 31.1881 by changing the saturation by 10% instead.


 34.2688, 34.2388,
31.1881


 34.2688, 34.2388,
31.1881


312.8938,
321.1955, 321.7820

 23.2640, 23.0771,
20.4825


 65.6930, 66.3049,
62.6191

 14.9104, 14.6505,
12.5587


 86.8431, 87.9780,
84.1816

 8.8424, 8.5744,
6.9982


112.1057,
113.9238, 110.2001

 4.6948, 4.4647,
3.3826

141.8462,
144.5265, 141.0932

 2.1022, 1.9367,
1.2931

176.4299,
180.1707, 177.2794

 0.6904, 0.5703,
0.0562

216.2222,

 0.0000, 0.0000,

221.2407, 219.1772

0.0000

261.5884,
268.1208, 267.2052

■ 34.2688, 34.2388,
31.1881

■ 34.2688, 34.2388,
31.1881

■ 31.1732, 30.0245,
24.0609

■ 37.7669, 38.9255,
39.4732

■ 28.4621, 26.2631,
18.0374

■ 41.6788, 44.0942,
48.9628

■ 26.1204, 22.9402,
13.0624

■ 46.0191, 49.7602,
59.7033

■ 24.1307, 20.0392,
9.0749

■ 50.8007, 55.9364,
71.7384

■ 22.4743, 17.5422,
6.0074

■ 56.0358, 62.6355,
85.1094

■ 21.1302, 15.4299,
3.7841

■ 61.7363, 69.8696,
99.8559

■ 20.0748, 13.6810,
2.3167

■ 66.0059, 76.8872,
105.9696

■ 19.2745, 12.2695,
1.4673

■ 69.5514, 83.9782,
107.1514

■ 19.1164, 11.9884,
1.3064

■ 71.4893, 87.8540,
107.7974

Harmonies

Analogous

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



35.2090, 34.2388, 34.2051



34.2688, 34.2388, 31.1881



32.8857, 34.2388, 29.8202

Triad

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



34.2688, 34.2388, 31.1881



29.8216, 34.2388, 36.3107



33.6602, 34.2388, 45.2215

Complementary

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



34.2688, 34.2388, 31.1881



32.6942, 35.9337, 45.7703

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.



32.2026, 34.2388, 45.8909



34.2688, 34.2388, 31.1881



30.0150, 34.2388, 40.5343

Square

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



34.2688, 34.2388, 31.1881



30.3397, 34.2388, 32.6304



30.8760, 34.2388, 44.1181



34.8503, 34.2388, 42.3521

Rectangle

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



34.2688, 34.2388, 31.1881



31.9101, 34.2388, 29.9490



30.8760, 34.2388, 44.1181



33.1842, 34.2388, 45.7197

Sweetspot

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



34.2697, 34.2403, 31.1888



69.4066, 72.0612, 74.9477



34.4610, 31.7841, 40.0038



15.3223, 15.8783, 16.4070



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



34.2697, 34.2403, 31.1888



59.2702, 58.4718, 50.9643



36.9604, 39.6217, 32.0857



8.2084, 8.4216, 8.4063



13.7402, 8.6860, 0.9524



0.4326, 0.3423, 0.0433

Inverse Universe

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



32.6942, 35.9337, 45.7703



55.9520, 62.0340, 81.6616



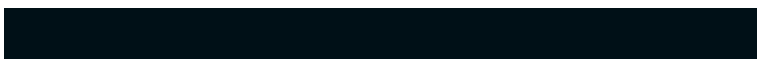
30.0957, 30.7366, 44.9041



8.0151, 8.6297, 10.1959



10.2829, 11.6996, 30.7608



0.3328, 0.4189, 0.8713

Previews

White Background



This preview shows how the XYZ color 34.2688, 34.2388, 31.1881 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 34.2688, 34.2388, 31.1881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

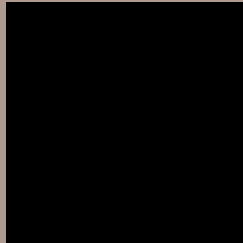
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.2688, 34.2388, 31.1881

Background



This preview shows how black text looks on a background with the XYZ color 34.2688, 34.2388, 31.1881.



This preview shows how white text looks on a background with the XYZ color 34.2688, 34.2388,

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

34.2688, 34.2388, 31.1881

Protanopia

32.7250, 34.4216, 32.1134

Deuteranopia

35.0157, 34.3798, 31.1760



Tritanopia

35.8089, 34.1247, 39.3497

Trichromacy



Original Color

34.2688, 34.2388, 31.1881

Protanomaly

33.3163, 34.4831, 31.6880

Deuteranomaly

34.7854, 34.2611, 31.1652

Tritanomaly

35.1335, 34.0869, 36.1802

Monochromacy



Original Color

34.2688, 34.2388, 31.1881

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.4068, 34.4464, 35.4599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2688, 34.2388, 31.1881 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(175, 154, 144) looks like.

```
.text, #text, p{  
    color:rgb(175, 154, 144)  
}
```

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(175, 154, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 154, 144) }
```

Border

The CSS property to change the border of an element to XYZ 34.2688, 34.2388, 31.1881 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(175, 154, 144) }
```


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

```
.border{ border-color:rgb(175, 154, 144) }
```

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

Here you see how a box with a 4 pixel rgb(175, 154, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 154, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 154, 144);  
box-shadow:4px 4px 4px 4px rgb(175, 154,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2688, 34.2388, 31.1881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 154, 144) }
```

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

```
.background{ background-color: rgb(175,  
154, 144) }
```

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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