

Converting Colors

XYZ(33.1409, 34.6326, 38.1734)

Have a look what the booklet for
XYZ(33.1409, 34.6326, 38.1734)
contains.

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Color

**XYZ(33.2405, 34.8079,
38.2243)**

Conversions

Conversions Part 1

Format	Color
Hex	A09FA0
RGB	160, 159, 160
RGB Percent	63%, 62%, 63%
CMY	0.3725, 0.3765, 0.3725
CMYK	0.00, 0.01, 0.00, 0.37
HSL	300°, 1%, 63%
HSV	300°, 1%, 63%
XYZ	33.2405, 34.8079, 38.2243
YIQ	159.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

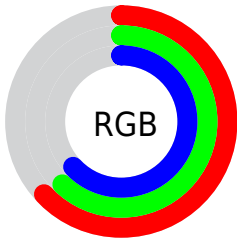
Format	Color
RYB	160, 159, 160
Decimal	10526624
CIELab	65.60, 0.55, -0.40
CIELCh	66, 0.684, 324.161
Yxy	34.8079, 0.3128, 0.3275
Android (android.graphics.Color)	4288716704 (0xFFA09FA0)
YUV	159.4130, 0.2894, 0.5148
Hunter-Lab	58.9982, -2.6773, 2.8854

Details

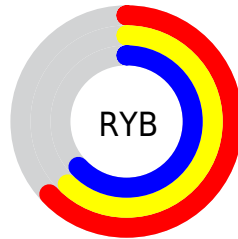
The XYZ color **33.2405, 34.8079, 38.2243** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1282, 35.0167, 37.8155**, and the grayscale version is **33.1432, 34.8692, 37.9726**.

A 20% lighter version of the original color is **64.3366, 67.4465, 73.9176**, and **14.4296, 15.0805, 16.6183** is the 20% darker color. If you saturate the color by 10%, you get **30.6656, 29.6578, 37.3656**, and if you desaturate by 10%, it is **36.1736, 40.6733, 39.2032**.

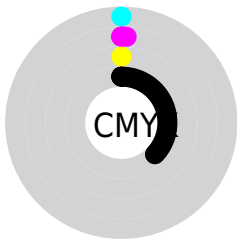
Distribution



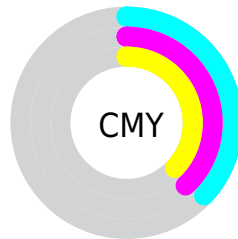
- Red (63%)
- Green (62%)
- Blue (63%)



- Red (63%)
- Yellow (62%)
- Blue (63%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (37%)



- Cyan (37%)
- Magenta (38%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2405, 34.8079, 38.2243 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 33.2405, 34.8079, 38.2243 by changing the saturation by 10% instead.

■ 33.2405, 34.8079,
38.2243

■ 33.2405, 34.8079,
38.2243

308.3779,
323.7196, 353.9082

■ 22.4709, 23.5149,
25.8536

■ 64.1030, 67.1881,
73.6590

■ 14.3218, 14.9742,
16.4894

■ 84.9266, 89.0441,
97.5602

■ 8.4280, 8.8013,
9.7130

109.8322,
115.1899, 126.1419

■ 4.4241, 4.6118,
5.1060

139.1851,
146.0098, 159.8228

■ 1.9448, 2.0213,
2.2498

173.3508,
181.8884, 199.0213

■ 0.6027, 0.6198,
0.7029

212.6946,

■ 0.0000, 0.0000,

223.2100, 244.1560

0.0000

257.5819,
270.3589, 295.6454

■ 33.2405, 34.8079,
38.2243

■ 33.2405, 34.8079,
38.2243

■ 30.6656, 29.6578,
37.3656

■ 36.1736, 40.6733,
39.2032

■ 28.4322, 25.1914,
36.6204

■ 39.4747, 47.2753,
40.3044

■ 26.5270, 21.3813,
35.9845

■ 43.1570, 54.6397,
41.5326

■ 24.9346, 18.1966,
35.4529

■ 47.2322, 62.7897,
42.8918

■ 23.6381, 15.6039,
35.0200

■ 51.7113, 71.7477,
44.3856

■ 22.6194, 13.5668,
34.6796

■ 56.6036, 81.5322,
46.0172

■ 21.8582, 12.0446,
34.4251

■ 56.6038, 81.5323,
46.0180

■ 21.3315, 10.9914,
34.2488

■ 56.6040, 81.5323,
46.0188

■ 21.0121, 10.3530,
34.1415

■ 56.6041, 81.5324,
46.0197

Harmonies

Analogous

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



33.1629, 34.8079, 38.4062



33.2405, 34.8079, 38.2243



33.2761, 34.8079, 37.9561

Triad

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



33.2405, 34.8079, 38.2243



33.1035, 34.8079, 37.3529



32.9082, 34.8079, 38.1265

Complementary

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



33.2405, 34.8079, 38.2243



33.1282, 35.0167, 37.8155

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.



32.8923, 34.8079, 37.8437



33.2405, 34.8079, 38.2243



33.0050, 34.8079, 37.3980

Square

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



33.2405, 34.8079, 38.2243



33.1969, 34.8079, 37.4538



32.9277, 34.8079, 37.5773



32.9710, 34.8079, 38.3495

Rectangle

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



33.2405, 34.8079, 38.2243



33.2713, 34.8079, 37.7649



32.9277, 34.8079, 37.5773



32.8972, 34.8079, 38.0352

Sweetspot

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



33.2415, 34.8094, 38.2251



60.6688, 63.8283, 69.5090



33.0429, 34.7070, 38.2158



13.3056, 13.9985, 15.2444



76.7382, 80.7346, 87.9200

Same Dimension

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



33.2415, 34.8094, 38.2251



60.1588, 62.8083, 69.3389



33.1979, 34.7920, 37.9958



7.3846, 7.7154, 8.5067



16.2346, 7.7984, 26.5504



0.2903, 0.1394, 0.4748

Inverse Universe

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



33.2415, 34.8094, 38.2251



60.1588, 62.8083, 69.3389



33.1716, 35.0340, 38.0439



7.3846, 7.7154, 8.5067



16.2346, 7.7984, 26.5504



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 33.2405, 34.8079, 38.2243 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 33.2405, 34.8079, 38.2243 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 33.2405, 34.8079, 38.2243

Background



This preview shows how black text looks on a background with the XYZ color 33.2405, 34.8079, 38.2243.

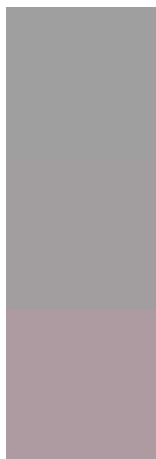


This preview shows how white text looks on a background with the XYZ color 33.2405, 34.8079,

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

33.2405, 34.8079, 38.2243

Protanopia

33.4723, 34.6732, 38.1861

Deuteranopia

35.4442, 34.6831, 38.5446



Tritanopia

34.2130, 34.6976, 42.9243

Trichromacy



Original Color

33.2405, 34.8079, 38.2243

Protanomaly

33.2700, 34.5689, 38.1766

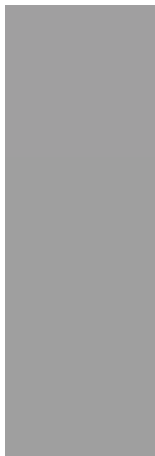
Deuteranomaly

34.6837, 34.7852, 38.6044

Tritanomaly

33.8077, 34.7840, 41.0085

Monochromacy



Original Color

33.2405, 34.8079, 38.2243

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.9542, 34.6704, 37.7561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2405, 34.8079, 38.2243 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(160, 159, 160)` looks like.

```
.text, #text, p{  
    color:rgb(160, 159, 160)  
}
```

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(160, 159, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 159, 160) }
```

Border

The CSS property to change the border of an element to XYZ 33.2405, 34.8079, 38.2243 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(160, 159, 160) }
```

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

```
.border{ border-color:rgb(160, 159, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 159, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 159, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 159, 160);  
box-shadow:4px 4px 4px 4px rgb(160, 159,  
160) }
```


Background

The CSS property to change the background color of an element to XYZ 33.2405, 34.8079, 38.2243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 159, 160) }
```

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

```
.background{ background-color: rgb(160,  
159, 160) }
```

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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