

Converting Colors

XYZ(34.8765, 35.2325, 34.2405)

Have a look what the booklet for
XYZ(34.8765, 35.2325, 34.2405)
contains.

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Color

**XYZ(34.8765, 35.2325,
34.2405)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9D97
RGB	173, 157, 151
RGB Percent	68%, 62%, 59%
CMY	0.3216, 0.3843, 0.4078
CMYK	0.00, 0.09, 0.13, 0.32
HSL	16°, 12%, 64%
HSV	16°, 13%, 68%
XYZ	34.8765, 35.2325, 34.2405
YIQ	161.1000, 11.4620, 1.5260

Conversions

Conversions Part 2

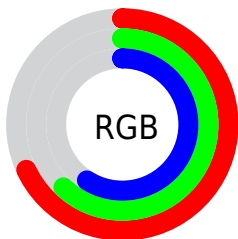
Format	Color
R_{YB}	173, 159, 151
Decimal	11378071
CIE Lab	65.93, 4.82, 5.25
CIE LCh	66, 7.126, 47.474
Yxy	35.2325, 0.3342, 0.3376
Android (android.graphics.Color)	4289568151 (0xFFAD9D97)
YUV	161.1000, -4.9793, 10.4363
Hunter-Lab	59.3570, 1.0069, 7.3480

Details

The XYZ color **34.8765, 35.2325, 34.2405** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.1240, 37.2333, 44.9239**, and the grayscale version is **33.9422, 35.7098, 38.8880**.

A 20% lighter version of the original color is **66.8760, 68.1528, 67.3877**, and **15.3394, 15.2931, 14.2000** is the 20% darker color. If you saturate the color by 10%, you get **31.5537, 30.6726, 26.7024**, and if you desaturate by 10%, it is **38.6266, 40.3163, 42.9391**.

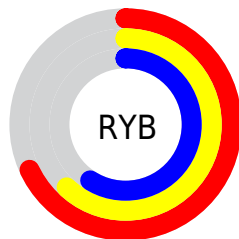
Distribution



Red (68%)

Green (62%)

Blue (59%)



Red (68%)

Yellow (62%)

Blue (59%)

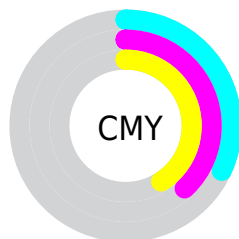


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (32%)



Cyan (32%)


Magenta (38%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8765, 35.2325, 34.2405 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 34.8765, 35.2325, 34.2405 by changing the saturation by 10% instead.


 34.8765, 35.2325,
34.2405


 34.8765, 35.2325,
34.2405

315.5404,
325.5934, 336.0049

 23.7338, 23.8420,
22.7996


 66.6297, 67.8458,
67.4457

 15.2600, 15.2165,
14.2417


 87.9709, 89.8374,
90.0470

 9.0895, 8.9715,
8.1483


113.4424,
116.1315, 117.2055

 4.8572, 4.7226,
4.1008

143.4094,
147.1125, 149.3397

 2.1976, 2.0854,
1.6808

178.2374,
183.1648, 186.8682

 0.7415, 0.6564,
0.3475

218.2916,

 0.0000, 0.0000,

224.6728, 230.2096

0.0000

263.9375,
272.0209, 279.7823

■ 34.8765, 35.2325,
34.2405

■ 34.8765, 35.2325,
34.2405

■ 31.5537, 30.6726,
26.7024

■ 38.6266, 40.3163,
42.9391

■ 28.6398, 26.6151,
20.2733

■ 42.8158, 45.9354,
52.8423

■ 26.1192, 23.0440,
14.9010

■ 47.4591, 52.1065,
63.9946

■ 23.9742, 19.9405,
10.5283

■ 52.5698, 58.8444,
76.4376

■ 22.1857, 17.2845,
7.0924

■ 58.1608, 66.1631,
90.2109

■ 20.7327, 15.0546,
4.5237

■ 64.2443, 74.0764,
105.3526

■ 19.5917, 13.2273,
2.7422

■ 67.9548, 81.4462,
106.7468

■ 18.7359, 11.7765,
1.6530

■ 71.0438, 87.6244,
107.7765

■ 18.2585, 10.9338,
1.1481

Harmonies

Analogous

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



35.4586, 35.2325, 36.6451



34.8765, 35.2325, 34.2405



33.9290, 35.2325, 32.9690

Triad

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



34.8765, 35.2325, 34.2405



31.5471, 35.2325, 37.1167



34.0999, 35.2325, 44.1710

Complementary

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



34.8765, 35.2325, 34.2405



34.1240, 37.2333, 44.9239

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.



33.0497, 35.2325, 44.3137



34.8765, 35.2325, 34.2405



31.5907, 35.2325, 40.1321

Square

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



34.8765, 35.2325, 34.2405



32.0155, 35.2325, 34.5701



32.1357, 35.2325, 42.8021



35.0038, 35.2325, 42.4220

Rectangle

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



34.8765, 35.2325, 34.2405



33.2244, 35.2325, 32.8887



32.1357, 35.2325, 42.8021



33.7518, 35.2325, 44.4116

Sweetspot

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



34.8775, 35.2341, 34.2412



68.2234, 70.9165, 74.6685



35.2881, 33.8129, 41.2911



14.7152, 15.2614, 15.9673



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



34.8775, 35.2341, 34.2412



60.8768, 60.9350, 57.6934



36.7980, 39.0752, 34.8814



8.1765, 8.3578, 8.3956



13.4554, 8.1163, 0.8574



0.4202, 0.3175, 0.0391

Inverse Universe

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



34.1240, 37.2333, 44.9239



59.2848, 65.1570, 80.2577



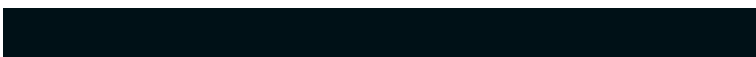
32.2167, 33.4187, 44.2881



8.0487, 8.6969, 10.2071



11.0526, 13.2390, 31.0174



0.3498, 0.4529, 0.8770

Previews

White Background



This preview shows how the XYZ color 34.8765, 35.2325, 34.2405 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 34.8765, 35.2325, 34.2405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

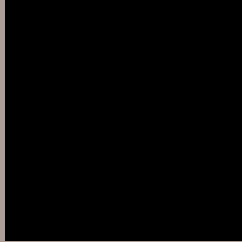
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.8765, 35.2325, 34.2405

Background



This preview shows how black text looks on a background with the XYZ color 34.8765, 35.2325, 34.2405.



This preview shows how white text looks on a background with the XYZ color 34.8765, 35.2325,

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

34.8765, 35.2325, 34.2405

Protanopia

33.7554, 35.4079, 34.7611

Deuteranopia

35.8977, 35.2608, 34.1922



Tritanopia

36.3756, 35.3467, 41.4646

Trichromacy



Original Color

34.8765, 35.2325, 34.2405

Protanomaly

34.2141, 35.3881, 34.7331

Deuteranomaly

35.6058, 35.3584, 34.2264

Tritanomaly

35.7770, 35.3488, 38.6556

Monochromacy



Original Color

34.8765, 35.2325, 34.2405

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.1737, 35.5753, 36.9639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8765, 35.2325, 34.2405 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(173, 157, 151)` looks like.

```
.text, #text, p{  
    color:rgb(173, 157, 151)  
}
```

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(173, 157, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 157, 151) }
```

Border

The CSS property to change the border of an element to XYZ 34.8765, 35.2325, 34.2405 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(173, 157, 151) }
```


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

```
.border{ border-color:rgb(173, 157, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 157, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 157, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 157, 151);  
box-shadow:4px 4px 4px 4px rgb(173, 157,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8765, 35.2325, 34.2405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 157, 151) }
```

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

```
.background{ background-color: rgb(173,  
157, 151) }
```

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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