

# Converting Colors

XYZ(32.5423, 32.5401, 34.7027)

Have a look what the booklet for  
XYZ(32.5423, 32.5401, 34.7027)  
contains.

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# Color

**XYZ(32.5423, 32.5401,  
34.7027)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A69799
RGB	166, 151, 153
RGB Percent	65%, 59%, 60%
CMY	0.3490, 0.4078, 0.4000
CMYK	0.00, 0.09, 0.08, 0.35
HSL	352°, 8%, 62%
HSV	352°, 9%, 65%
XYZ	32.5423, 32.5401, 34.7027
YIQ	155.7130, 8.2980, 3.8020

# Conversions

## Conversions Part 2

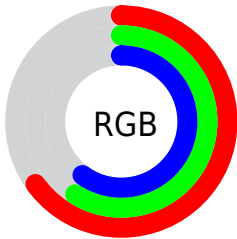
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 151, 153
Decimal	10917785
CIE Lab	63.79, 5.88, 0.95
CIE LCh	64, 5.957, 9.163
Yxy	32.5401, 0.3261, 0.3261
Android (android.graphics.Color)	4289107865 (0xFFA69799)
YUV	155.7130, -1.3375, 9.0217
Hunter-Lab	57.0439, 2.0034, 3.8617

# Details

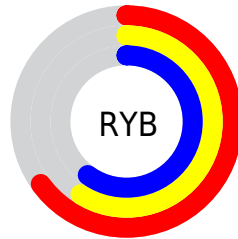
The XYZ color **32.5423, 32.5401, 34.7027** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1008, 36.5330, 40.4308**, and the grayscale version is **31.4760, 33.1152, 36.0625**.

A 20% lighter version of the original color is **62.9126, 63.5398, 67.9800**, and **13.8949, 13.6511, 14.4730** is the 20% darker color. If you saturate the color by 10%, you get **28.9390, 27.1219, 27.9874**, and if you desaturate by 10%, it is **36.6670, 38.7709, 42.2998**.

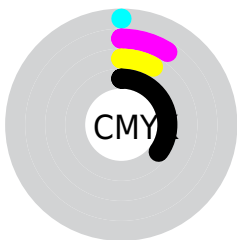
# Distribution



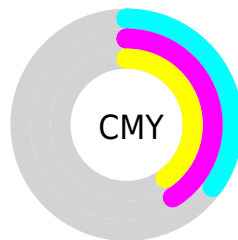
- Red (65%)
- Green (59%)
- Blue (60%)



- Red (65%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (35%)




- Cyan (35%)
- Magenta (41%)
- Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5423, 32.5401, 34.7027 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 32.5423, 32.5401, 34.7027 by changing the saturation by 10% instead.





 32.5423, 32.5401,  
34.7027

 32.5423, 32.5401,  
34.7027

305.2838,  
313.5723, 338.1184

 21.9336, 21.7744,  
23.1522


 63.0198, 63.6568,  
68.1713

 13.9244, 13.6912,  
14.4996


 83.6192, 84.7766,  
90.9265

 8.1495, 7.9062,  
8.3263


108.2797,  
110.1166, 118.2537

 4.2434, 4.0350,  
4.2137

137.3664,  
140.0611, 150.5714

 1.8407, 1.6932,  
1.7433

171.2449,  
174.9945, 188.2982

 0.5420, 0.4192,  
0.3901

210.2803,

 0.0000, 0.0000,

215.3012, 231.8526

0.0000

254.8382,  
261.3657, 281.6532

■ 32.5423, 32.5401,  
34.7027

■ 32.5423, 32.5401,  
34.7027

■ 28.9390, 27.1219,  
27.9874

■ 36.6670, 38.7709,  
42.2998

■ 25.8336, 22.4787,  
22.1198

■ 41.3298, 45.8413,  
50.8068

■ 23.2050, 18.5762,  
17.0667

■ 46.5503, 53.7824,  
60.2533

■ 21.0293, 15.3762,  
12.7919

■ 52.3460, 62.6226,  
70.6669

■ 19.2807, 12.8366,  
9.2567

■ 58.7338, 72.3887,  
82.0741

■ 17.9307, 10.9114,  
6.4186

■ 65.7299, 83.1067,  
94.5001

■ 16.9474, 9.5480,  
4.2311

■ 69.3319, 86.7654,  
106.6303

■ 16.2937, 8.6855,  
2.6417

■ 69.5361, 86.8471,  
107.7060

■ 15.9032, 8.2058,  
1.5826

# Harmonies

## Analogous

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



32.4549, 32.5401, 37.0932



32.5423, 32.5401, 34.7027



32.1913, 32.5401, 32.6026

# Triad

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



32.5423, 32.5401, 34.7027



29.9245, 32.5401, 31.9804



30.3602, 32.5401, 39.9088

# Complementary

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



32.5423, 32.5401, 34.7027



33.1008, 36.5330, 40.4308

# 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.



29.6990, 32.5401, 38.4176



32.5423, 32.5401, 34.7027



29.4505, 32.5401, 33.8185

# Square

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



32.5423, 32.5401, 34.7027



30.6732, 32.5401, 31.0781



29.3687, 32.5401, 36.1687



31.1850, 32.5401, 40.1716



# Rectangle

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



32.5423, 32.5401, 34.7027



31.7595, 32.5401, 31.6237



29.3687, 32.5401, 36.1687



30.1119, 32.5401, 39.5314

# Sweetspot

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



32.5432, 32.5415, 34.7034



63.4209, 65.6378, 71.0293



33.2604, 32.7804, 40.6512



14.0591, 14.4871, 15.6496



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.



32.5432, 32.5415, 34.7034



57.5637, 56.8018, 60.2038



33.2854, 34.2877, 34.1437



7.5703, 7.5580, 8.0543



12.3182, 6.3360, 1.2214



0.3116, 0.1589, 0.0923



# Inverse Universe

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



32.5432, 32.5415, 34.7034



57.5637, 56.8018, 60.2038



32.3043, 34.6490, 41.0622



7.5703, 7.5580, 8.0543



12.3182, 6.3360, 1.2214



0.3116, 0.1589, 0.0923



# Previews

## White Background



This preview shows how the XYZ color 32.5423, 32.5401, 34.7027 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 32.5423, 32.5401, 34.7027 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

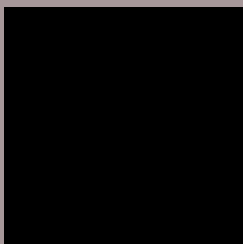
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

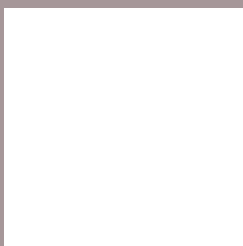
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 32.5423, 32.5401, 34.7027**

## **Background**



This preview shows how black text looks on a background with the XYZ color 32.5423, 32.5401, 34.7027.



This preview shows how white text looks on a background with the XYZ color 32.5423, 32.5401,



# 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

32.5423, 32.5401, 34.7027

### Protanopia

31.3766, 32.6459, 35.6579

### Deuteranopia

33.2337, 32.6586, 34.6891



## Tritanopia

33.2757, 32.6014, 38.2571

# Trichromacy



## Original Color

32.5423, 32.5401, 34.7027

## Protanomaly

31.7212, 32.5891, 35.1903

## Deuteranomaly

33.0183, 32.5476, 34.6791

## Tritanomaly

33.0143, 32.4968, 36.8802

# Monochromacy



## Original Color

32.5423, 32.5401, 34.7027

## Achromatopsia

31.5995, 33.2452, 36.2040

## Achromatomaly

31.9692, 32.9513, 35.6856

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 32.5423, 32.5401, 34.7027 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(166, 151, 153) looks like.

```
.text, #text, p{  
    color:rgb(166, 151, 153)  
}
```

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(166, 151, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 151, 153) }
```

## Border

The CSS property to change the border of an element to XYZ 32.5423, 32.5401, 34.7027 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(166, 151, 153) }
```



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

```
.border{ border-color:rgb(166, 151, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 151, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 151, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 151, 153);  
box-shadow:4px 4px 4px 4px rgb(166, 151,  
153) }
```

# Background

The CSS property to change the background color of an element to XYZ 32.5423, 32.5401, 34.7027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 151, 153) }
```

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

```
.background{ background-color: rgb(166,  
151, 153) }
```

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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