

Converting Colors

XYZ(32.7015, 34.4719, 33.3351)

Have a look what the booklet for
XYZ(32.7015, 34.4719, 33.3351)
contains.

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Color

**XYZ(32.5520, 34.3050,
33.3396)**

Conversions

Conversions Part 1

Format	Color
Hex	A29E95
RGB	162, 158, 149
RGB Percent	64%, 62%, 58%
CMY	0.3647, 0.3804, 0.4157
CMYK	0.00, 0.02, 0.08, 0.36
HSL	42°, 7%, 61%
HSV	42°, 8%, 64%
XYZ	32.5520, 34.3050, 33.3396
YIQ	158.1700, 5.2730, -1.9510

Conversions

Conversions Part 2

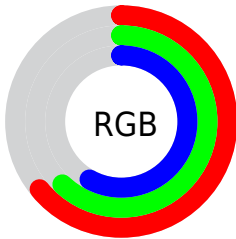
Format	Color
R_{YB}	155, 162, 149
Decimal	10657429
CIE Lab	65.20, -0.19, 5.20
CIE LCh	65, 5.208, 92.122
Yxy	34.3050, 0.3249, 0.3424
Android (android.graphics.Color)	4288847509 (0xFFA29E95)
YUV	158.1700, -4.5208, 3.3589
Hunter-Lab	58.5705, -3.2925, 7.2502

Details

The XYZ color **32.5520, 34.3050, 33.3396** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.3073, 31.7803, 38.7198**, and the grayscale version is **32.5955, 34.2930, 37.3451**.

A 20% lighter version of the original color is **63.1890, 66.6520, 66.0346**, and **13.8927, 14.7122, 13.6628** is the 20% darker color. If you saturate the color by 10%, you get **30.5154, 32.1593, 26.7173**, and if you desaturate by 10%, it is **34.8049, 36.5946, 40.9225**.

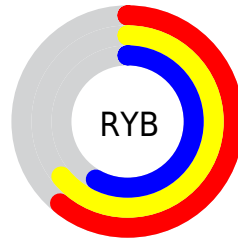
Distribution



Red (64%)

Green (62%)

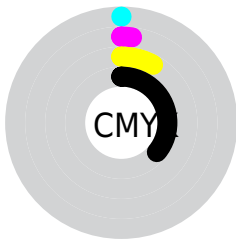
Blue (58%)



Red (61%)

Yellow (64%)

Blue (58%)

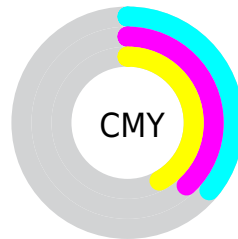


Cyan (0%)

Magenta (2%)

Yellow (8%)

Black (36%)



Cyan (36%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5520, 34.3050, 33.3396 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 32.5520, 34.3050, 33.3396 by changing the saturation by 10% instead.

■ 32.5520, 34.3050,
33.3396

■ 32.5520, 34.3050,
33.3396

305.3270,
321.4899, 331.8560

■ 21.9411, 23.1280,
22.1135

■ 63.0348, 66.4077,
66.0275

■ 13.9300, 14.6881,
13.7412

■ 83.6374, 88.1022,
88.3263

■ 8.1533, 8.6007,
7.8042

108.3013,
114.0713, 115.1531

■ 4.2459, 4.4817,
3.8839

137.3918,
144.6994, 146.9265

■ 1.8421, 1.9465,
1.5619

171.2742,
180.3709, 184.0649

■ 0.5429, 0.5761,
0.2634

210.3140,

■ 0.0000, 0.0000,

221.4703, 226.9870

0.0000

254.8765,
268.3818, 276.1112

■ 32.5520, 34.3050,
33.3396

■ 32.5520, 34.3050,
33.3396

■ 30.5154, 32.1593,
26.7173

■ 34.8049, 36.5946,
40.9225

■ 28.6844, 30.1493,
21.0144

■ 37.2787, 39.0271,
49.5005

■ 27.0517, 28.2723,
16.1899

■ 39.9812, 41.6074,
59.1092

■ 25.6084, 26.5243,
12.1988

■ 42.9191, 44.3389,
69.7818

■ 24.3448, 24.9006,
8.9921

■ 46.0987, 47.2247,
81.5498

■ 23.2502, 23.3963,
6.5158

■ 49.5261, 50.2678,
94.4436

■ 22.3126, 22.0059,
4.7088

■ 51.9924, 52.9852,
102.0946

■ 21.5181, 20.7230,
3.5000

■ 53.1113, 55.2230,
102.4676

■ 20.8424, 19.5373,
2.7644

■ 54.2676, 57.5356,
102.8530

Harmonies

Analogous

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



33.2912, 34.3050, 33.7874



32.5520, 34.3050, 33.3396



31.8380, 34.3050, 33.9320

Triad

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



32.5520, 34.3050, 33.3396



31.3886, 34.3050, 39.6130



33.9095, 34.3050, 39.3355

Complementary

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



32.5520, 34.3050, 33.3396



30.3073, 31.7803, 38.7198

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.



33.3860, 34.3050, 40.9951



32.5520, 34.3050, 33.3396



31.9300, 34.3050, 41.1596

Square

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



32.5520, 34.3050, 33.3396



31.1729, 34.3050, 37.5069



32.6598, 34.3050, 41.6747



34.0821, 34.3050, 37.1982

Rectangle

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



32.5520, 34.3050, 33.3396



31.4704, 34.3050, 34.8510



32.6598, 34.3050, 41.6747



33.7683, 34.3050, 39.9706

Sweetspot

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



32.5529, 34.3065, 33.3403



61.4968, 64.7359, 68.5532



31.4077, 31.4806, 34.6090



13.8227, 14.5503, 15.4332



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.5529, 34.3065, 33.3403



58.2633, 61.4147, 57.7770



32.7663, 35.4453, 33.5489



7.4648, 7.8679, 7.5053



16.3593, 15.2925, 2.0895



0.3826, 0.3990, 0.0568

Inverse Universe

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



30.3073, 31.7803, 38.7198



53.1607, 55.6748, 70.0006



30.1033, 30.7201, 38.5259



6.8699, 7.1987, 8.9305



6.0646, 3.9086, 27.3646



0.1675, 0.1623, 0.5884

Previews

White Background



This preview shows how the XYZ color 32.5520, 34.3050, 33.3396 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 32.5520, 34.3050, 33.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

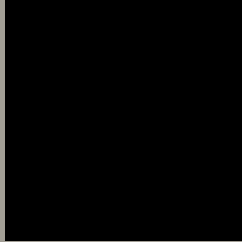
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.5520, 34.3050, 33.3396

Background



This preview shows how black text looks on a background with the XYZ color 32.5520, 34.3050, 33.3396.



This preview shows how white text looks on a background with the XYZ color 32.5520, 34.3050,

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

32.5520, 34.3050, 33.3396

Protanopia

32.7559, 34.4102, 33.3492

Deuteranopia

35.0277, 34.3316, 33.6347



Tritanopia

34.2134, 34.2320, 41.3634

Trichromacy



Original Color

32.5520, 34.3050, 33.3396

Protanomaly

32.7559, 34.4102, 33.3492

Deuteranomaly

34.2396, 34.4154, 33.6924

Tritanomaly

33.5435, 34.2075, 38.0925

Monochromacy



Original Color

32.5520, 34.3050, 33.3396

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.4413, 34.1912, 35.9001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5520, 34.3050, 33.3396 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(162, 158, 149)` looks like.

```
.text, #text, p{  
    color:rgb(162, 158, 149)  
}
```

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(162, 158, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 158, 149) }
```

Border

The CSS property to change the border of an element to XYZ 32.5520, 34.3050, 33.3396 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(162, 158, 149) }
```


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

```
.border{ border-color:rgb(162, 158, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 158, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 158, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 158, 149);  
box-shadow:4px 4px 4px 4px rgb(162, 158,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5520, 34.3050, 33.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 158, 149) }
```

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

```
.background{ background-color: rgb(162,  
158, 149) }
```

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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