

Converting Colors

XYZ(32.4250, 33.0526, 35.1843)

Have a look what the booklet for
XYZ(32.4250, 33.0526, 35.1843)
contains.

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Color

**XYZ(32.3282, 32.9021,
35.2187)**

Conversions

Conversions Part 1

Format	Color
Hex	A3999A
RGB	163, 153, 154
RGB Percent	64%, 60%, 60%
CMY	0.3608, 0.4000, 0.3961
CMYK	0.00, 0.06, 0.06, 0.36
HSL	354°, 5%, 62%
HSV	354°, 6%, 64%
XYZ	32.3282, 32.9021, 35.2187
YIQ	156.1040, 5.6390, 2.4310

Conversions

Conversions Part 2

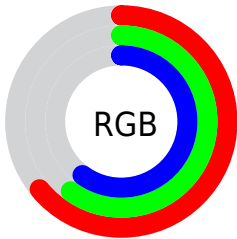
Format	Color
RYB	163, 153, 154
Decimal	10721690
CIELab	64.08, 3.84, 0.78
CIELCh	64, 3.920, 11.522
Yxy	32.9021, 0.3218, 0.3276
Android (android.graphics.Color)	4288911770 (0xFFA3999A)
YUV	156.1040, -1.0373, 6.0478
Hunter-Lab	57.3604, 0.2217, 3.7488

Details

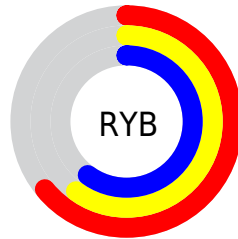
The XYZ color **32.3282, 32.9021, 35.2187** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.7569, 35.5761, 39.3245**, and the grayscale version is **31.6498, 33.2981, 36.2616**.

A 20% lighter version of the original color is **62.6114, 64.0851, 68.7442**, and **13.7551, 13.8615, 14.7825** is the 20% darker color. If you saturate the color by 10%, you get **28.6922, 27.4675, 28.3410**, and if you desaturate by 10%, it is **36.4800, 39.1282, 43.0064**.

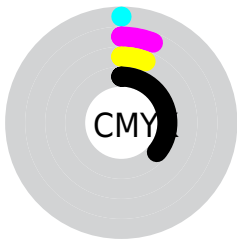
Distribution



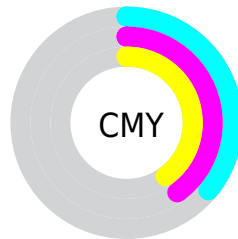
- Red (64%)
- Green (60%)
- Blue (60%)



- Red (64%)
- Yellow (60%)
- Blue (60%)



- Cyan (0%)
- Magenta (6%)
- Yellow (6%)
- Black (36%)



- Cyan (36%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3282, 32.9021, 35.2187 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 32.3282, 32.9021, 35.2187 by changing the saturation by 10% instead.

■ 32.3282, 32.9021,
35.2187

■ 32.3282, 32.9021,
35.2187

304.3304,
315.2084, 340.4662

■ 21.7691, 22.0515,
23.5465

■ 62.6870, 64.2227,
68.9798

■ 13.8030, 13.8947,
14.7885

■ 83.2173, 85.4614,
91.9059

■ 8.0645, 8.0475,
8.5261

107.8021,
110.9315, 119.4202

■ 4.1884, 4.1253,
4.3408

136.8068,
141.0176, 151.9415

■ 1.8093, 1.7439,
1.8141

170.5965,
176.1039, 189.8881

■ 0.5232, 0.4519,
0.4372

209.5368,

■ 0.0000, 0.0000,

216.5749, 233.6788

0.0000

253.9930,
262.8149, 283.7319

■ 32.3282, 32.9021,
35.2187

■ 32.3282, 32.9021,
35.2187

■ 28.6922, 27.4675,
28.3410

■ 36.4800, 39.1282,
43.0064

■ 25.5490, 22.7887,
22.3379

■ 41.1638, 46.1714,
51.7333

■ 22.8784, 18.8335,
17.1749

■ 46.3983, 54.0611,
61.4301

■ 20.6574, 15.5656,
12.8146

■ 52.2009, 62.8243,
72.1255

■ 18.8611, 12.9460,
9.2166

■ 58.5877, 72.4866,
83.8467

■ 17.4623, 10.9312,
6.3368

■ 65.5747, 83.0725,
96.6202

■ 16.4305, 9.4728,
4.1269

■ 68.9144, 86.5266,
107.6769

■ 15.7308, 8.5149,
2.5324

■ 15.3170, 7.9811,
1.4888

Harmonies

Analogous

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



32.2940, 32.9021, 36.8007



32.3282, 32.9021, 35.2187



32.0770, 32.9021, 33.8397

Triad

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



32.3282, 32.9021, 35.2187



30.5714, 32.9021, 33.5882



30.9360, 32.9021, 38.7978

Complementary

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



32.3282, 32.9021, 35.2187



32.7569, 35.5761, 39.3245

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.



30.4814, 32.9021, 37.8861



32.3282, 32.9021, 35.2187



30.2727, 32.9021, 34.8663

Square

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



32.3282, 32.9021, 35.2187



31.0601, 32.9021, 32.9171



30.2400, 32.9021, 36.4378



31.4858, 32.9021, 38.8989

Rectangle

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



32.3282, 32.9021, 35.2187



31.7833, 32.9021, 33.2088



30.2400, 32.9021, 36.4378



30.7671, 32.9021, 38.5747

Sweetspot

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



32.3291, 32.9035, 35.2194



60.8300, 63.3192, 68.5866



32.9033, 33.1097, 39.3073



13.6814, 14.2501, 15.4403



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.



32.3291, 32.9035, 35.2194



57.2084, 57.8941, 61.7745



32.9119, 34.2015, 35.0057



7.2608, 7.3358, 7.8204



11.8215, 6.0847, 0.9847



0.2564, 0.1311, 0.0629

Inverse Universe

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



32.3291, 32.9035, 35.2194



57.2084, 57.8941, 61.7745



32.1471, 34.2141, 39.5603



7.2608, 7.3358, 7.8204



11.8215, 6.0847, 0.9847



0.2564, 0.1311, 0.0629

Previews

White Background



This preview shows how the XYZ color 32.3282, 32.9021, 35.2187 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 32.3282, 32.9021, 35.2187 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 32.3282, 32.9021, 35.2187

Background



This preview shows how black text looks on a background with the XYZ color 32.3282, 32.9021, 35.2187.



This preview shows how white text looks on a background with the XYZ color 32.3282, 32.9021,

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

32.3282, 32.9021, 35.2187

Protanopia

31.7383, 33.0783, 35.7223

Deuteranopia

33.4003, 32.7253, 35.5666



Tritanopia

33.1489, 32.9933, 39.2715

Trichromacy



Original Color

32.3282, 32.9021, 35.2187

Protanomaly

31.9692, 32.9513, 35.6856

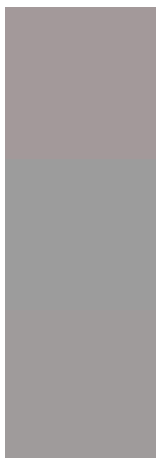
Deuteranomaly

32.9194, 32.7153, 35.5900

Tritanomaly

32.8832, 32.8871, 37.8724

Monochromacy



Original Color

32.3282, 32.9021, 35.2187

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.9358, 33.1802, 35.7316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3282, 32.9021, 35.2187 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(163, 153, 154) looks like.

```
.text, #text, p{  
    color:rgb(163, 153, 154)  
}
```

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(163, 153, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 153, 154) }
```

Border

The CSS property to change the border of an element to XYZ 32.3282, 32.9021, 35.2187 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(163, 153, 154) }
```


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

```
.border{ border-color:rgb(163, 153, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 153, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 153, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 153, 154);  
box-shadow:4px 4px 4px 4px rgb(163, 153,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3282, 32.9021, 35.2187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 153, 154) }
```

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

```
.background{ background-color: rgb(163,  
153, 154) }
```

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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