

Converting Colors

XYZ(32.9299, 36.0189, 35.3538)

Have a look what the booklet for
XYZ(32.9299, 36.0189, 35.3538)
contains.

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Color

**XYZ(32.9299, 36.0189,
35.3538)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA499
RGB	157, 164, 153
RGB Percent	62%, 64%, 60%
CMY	0.3843, 0.3568, 0.4000
CMYK	0.04, 0.00, 0.07, 0.36
HSL	98°, 6%, 62%
HSV	98°, 7%, 64%
XYZ	32.9299, 36.0189, 35.3538
YIQ	160.6530, -0.6410, -4.9050

Conversions

Conversions Part 2

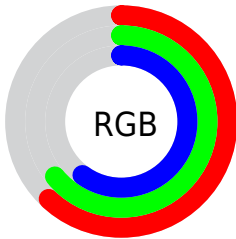
Format	Color
RYB	153, 164, 160
Decimal	10331289
CIELab	66.53, -4.58, 4.84
CIELCh	67, 6.660, 133.432
Yxy	36.0189, 0.3157, 0.3453
Android (android.graphics.Color)	4288521369 (0xFF9DA499)
YUV	160.6530, -3.7729, -3.2037
Hunter-Lab	60.0157, -7.0868, 7.0847

Details

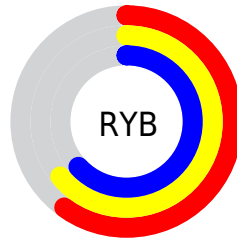
The XYZ color **32.9299, 36.0189, 35.3538** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.5906, 32.9374, 39.7636**, and the grayscale version is **33.7333, 35.4901, 38.6487**.

A 20% lighter version of the original color is **63.7454, 69.1651, 69.0219**, and **14.1363, 15.6118, 14.8387** is the 20% darker color. If you saturate the color by 10%, you get **29.7174, 34.5097, 28.6119**, and if you desaturate by 10%, it is **36.5047, 37.6954, 43.0861**.

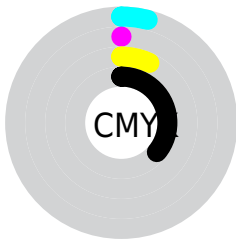
Distribution



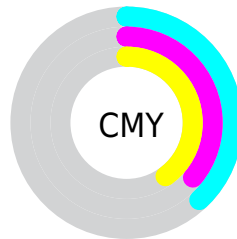
- Red (62%)
- Green (64%)
- Blue (60%)



- Red (60%)
- Yellow (64%)
- Blue (63%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (36%)



- Cyan (38%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9299, 36.0189, 35.3538 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 32.9299, 36.0189, 35.3538 by changing the saturation by 10% instead.

■ 32.9299, 36.0189,
35.3538

■ 32.9299, 36.0189,
35.3538

307.0043,
329.0431, 341.0788

■ 22.2317, 24.4488,
23.6498

■ 63.6215, 69.0612,
69.1913

■ 14.1448, 15.6669,
14.8643

■ 84.3456, 91.3023,
92.1618

■ 8.3038, 9.2887,
8.5786

109.1424,
117.8690, 119.7250

■ 4.3434, 4.9300,
4.3743

138.3773,
149.1460, 152.2993

■ 1.8982, 2.2062,
1.8329

172.4155,
185.5175, 190.3033

■ 0.5758, 0.7234,
0.4495

211.6226,

■ 0.0000, 0.0000,

227.3679, 234.1555

0.0000

256.3637,
275.0816, 284.2745

■ 32.9299, 36.0189,
35.3538

■ 32.9299, 36.0189,
35.3538

■ 29.7174, 34.5097,
28.6119

■ 36.5047, 37.6954,
43.0861

■ 26.8522, 33.1579,
22.8181

■ 40.4500, 39.5395,
51.8441

■ 24.3228, 31.9596,
17.9304

■ 44.7776, 41.5576,
61.6643

■ 22.1159, 30.9087,
13.9031

■ 49.4979, 43.7542,
72.5806

■ 20.2170, 29.9990,
10.6860

■ 54.6207, 46.1339,
84.6256

■ 18.6106, 29.2237,
8.2241

■ 60.1556, 48.7007,
97.8304

■ 17.2796, 28.5753,
6.4554

■ 63.9809, 50.6064,
101.0036

■ 16.2045, 28.0454,
5.3081

■ 67.4331, 52.3861,
101.1652

■ 15.3594, 27.6228,
4.6772

■ 71.0894, 54.2710,
101.3363

Harmonies

Analogous

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



33.7902, 36.0189, 34.1024



32.9299, 36.0189, 35.3538



32.4248, 36.0189, 37.6690

Triad

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



32.9299, 36.0189, 35.3538



33.6895, 36.0189, 44.7370



36.1394, 36.0189, 37.9532

Complementary

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



32.9299, 36.0189, 35.3538



32.5906, 32.9374, 39.7636

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.



36.1112, 36.0189, 40.8098



32.9299, 36.0189, 35.3538



34.6835, 36.0189, 44.8222

Square

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



32.9299, 36.0189, 35.3538



32.8574, 36.0189, 43.1275



35.5739, 36.0189, 43.3550



35.6503, 36.0189, 35.5531

Rectangle

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



32.9299, 36.0189, 35.3538



32.3511, 36.0189, 39.5490



35.5739, 36.0189, 43.3550



36.1904, 36.0189, 38.8898

Sweetspot

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



32.9309, 36.0205, 35.3546



62.7194, 66.7623, 70.4987



33.6260, 35.3239, 35.1835



13.7284, 14.6034, 15.4485



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.



32.9309, 36.0205, 35.3546



58.8913, 64.9664, 62.2976



32.2851, 35.6734, 35.9608



7.2174, 8.0145, 7.5467



11.6389, 21.1105, 3.4613



0.2951, 0.4696, 0.0751

Inverse Universe

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



32.5906, 32.9374, 39.7636



58.1480, 58.2324, 71.9276



33.2715, 33.3036, 39.1078



7.1134, 7.0728, 8.8933



9.6024, 4.3567, 27.2646



0.2508, 0.1168, 0.5752

Previews

White Background



This preview shows how the XYZ color 32.9299, 36.0189, 35.3538 looks on a white background.

Color Contrast Check

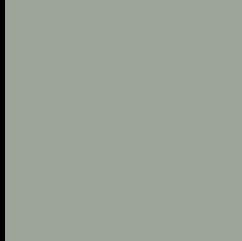
Large Text (above 18pt) WCAG AA × Fail

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 32.9299, 36.0189, 35.3538 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

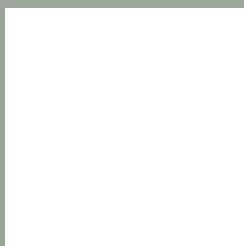
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9299, 36.0189, 35.3538

Background



This preview shows how black text looks on a background with the XYZ color 32.9299, 36.0189, 35.3538.



This preview shows how white text looks on a background with the XYZ color 32.9299, 36.0189,

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

32.9299, 36.0189, 35.3538

Protanopia

34.2671, 35.9396, 34.4091

Deuteranopia

36.6273, 35.8468, 35.9990



Tritanopia

34.8821, 36.0193, 45.1583

Trichromacy



Original Color

32.9299, 36.0189, 35.3538

Protanomaly

33.6921, 35.8942, 34.8583

Deuteranomaly

35.2441, 35.9000, 35.6437

Tritanomaly

34.1013, 35.9648, 41.2210

Monochromacy



Original Color

32.9299, 36.0189, 35.3538

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.5891, 35.7829, 37.4842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9299, 36.0189, 35.3538 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(157, 164, 153)` looks like.

```
.text, #text, p{  
    color:rgb(157, 164, 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(157, 164, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 164, 153) }
```

Border

The CSS property to change the border of an element to XYZ 32.9299, 36.0189, 35.3538 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(157, 164, 153) }
```


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

```
.border{ border-color:rgb(157, 164, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 164, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 164, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 164, 153);  
box-shadow:4px 4px 4px 4px rgb(157, 164,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9299, 36.0189, 35.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 164, 153) }
```

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

```
.background{ background-color: rgb(157,  
164, 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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