

Converting Colors

XYZ(33.0280, 36.6952, 32.5105)

Have a look what the booklet for
XYZ(33.0280, 36.6952, 32.5105)
contains.

XYZ(32.9251, 36.6169, 32.5266)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.9251, 36.6169,
32.5266)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA692
RGB	158, 166, 146
RGB Percent	62%, 65%, 57%
CMY	0.3804, 0.3490, 0.4274
CMYK	0.05, 0.00, 0.12, 0.35
HSL	84°, 10%, 61%
HSV	84°, 12%, 65%
XYZ	32.9251, 36.6169, 32.5266
YIQ	161.3280, 1.6520, -7.9160

Conversions

Conversions Part 2

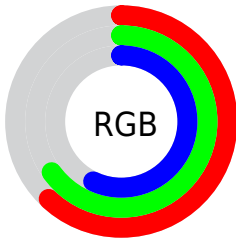
Format	Color
RYB	146, 166, 154
Decimal	10397330
CIELab	66.99, -6.55, 9.39
CIElCh	67, 11.448, 124.924
Yxy	36.6169, 0.3226, 0.3587
Android (android.graphics.Color)	4288587410 (0xFF9EA692)
YUV	161.3280, -7.5567, -2.9187
Hunter-Lab	60.5119, -8.7723, 10.4885

Details

The XYZ color **32.9251, 36.6169, 32.5266** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4898, 30.1820, 40.2971**, and the grayscale version is **34.0633, 35.8372, 39.0267**.

A 20% lighter version of the original color is **63.7224, 70.0292, 64.8020**, and **14.1920, 16.0050, 13.4076** is the 20% darker color. If you saturate the color by 10%, you get **30.4553, 35.4833, 26.1527**, and if you desaturate by 10%, it is **35.6551, 37.8651, 39.8931**.

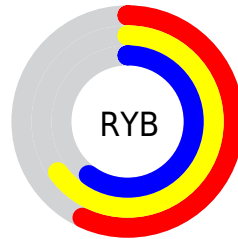
Distribution



Red (62%)

Green (65%)

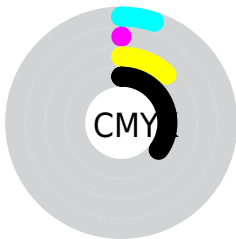
Blue (57%)



Red (57%)

Yellow (65%)

Blue (60%)

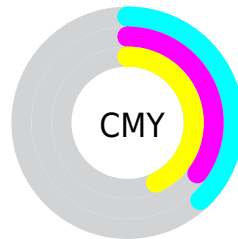


Cyan (5%)

Magenta (0%)

Yellow (12%)

Black (35%)



Cyan (38%)

Magenta (35%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9251, 36.6169, 32.5266 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 32.9251, 36.6169, 32.5266 by changing the saturation by 10% instead.

■ 32.9251, 36.6169,
32.5266

■ 32.9251, 36.6169,
32.5266

306.9831,
331.6489, 328.0775

■ 22.2280, 24.9110,
21.4959

■ 63.6140, 69.9832,
64.7432

■ 14.1421, 16.0108,
13.2922

■ 84.3366, 92.4124,
86.7662

■ 8.3019, 9.5318,
7.4970

109.1317,
119.1848, 113.2903

■ 4.3422, 5.0896,
3.6917

138.3648,
150.6848, 144.7342

■ 1.8975, 2.2999,
1.4578

172.4011,
187.2968, 181.5163

■ 0.5754, 0.7737,
0.1862

211.6060,

■ 0.0000, 0.0000,

229.4053, 224.0552

0.0000

256.3449,
277.3945, 272.7694

■ 32.9251, 36.6169,
32.5266

■ 32.9251, 36.6169,
32.5266

■ 30.4553, 35.4833,
26.1527

■ 35.6551, 37.8651,
39.8931

■ 28.2336, 34.4557,
20.7265

■ 38.6508, 39.2268,
48.2896

■ 26.2511, 33.5318,
16.2034

■ 41.9217, 40.7068,
57.7546

■ 24.4974, 32.7071,
12.5341

■ 45.4753, 42.3085,
68.3238

■ 22.9611, 31.9770,
9.6645

■ 49.3193, 44.0350,
80.0315

■ 21.6294, 31.3363,
7.5347

■ 53.4608, 45.8893,
92.9102

■ 20.4882, 30.7791,
6.0760

■ 56.7247, 47.4014,
100.7674

■ 19.5207, 30.2986,
5.2069

■ 58.5903, 48.3631,
100.8547

■ 18.8466, 29.9596,
4.7895

■ 60.5344, 49.3653,
100.9457

Harmonies

Analogous

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



34.5172, 36.6169, 31.0749



32.9251, 36.6169, 32.5266



31.8636, 36.6169, 35.9497

Triad

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



32.9251, 36.6169, 32.5266



33.4062, 36.6169, 49.1808



38.2397, 36.6169, 39.0538

Complementary

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



32.9251, 36.6169, 32.5266



30.4898, 30.1820, 40.2971

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.



37.9184, 36.6169, 44.0646



32.9251, 36.6169, 32.5266



35.0909, 36.6169, 50.1844

Square

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



32.9251, 36.6169, 32.5266



32.1348, 36.6169, 45.6031



36.7515, 36.6169, 48.2420



37.6155, 36.6169, 34.6380

Rectangle

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



32.9251, 36.6169, 32.5266



31.5798, 36.6169, 39.0289



36.7515, 36.6169, 48.2420



38.2389, 36.6169, 40.7223

Sweetspot

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



32.9261, 36.6185, 32.5274



63.6656, 68.2431, 69.5428



32.4712, 33.2948, 31.9098



14.1639, 15.2335, 15.3352



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.



32.9261, 36.6185, 32.5274



58.7235, 65.9829, 56.3213



31.0384, 35.6454, 32.4391



7.8521, 8.6218, 8.0396



14.6675, 23.2586, 3.7163



0.4122, 0.5944, 0.0930

Inverse Universe

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



30.4898, 30.1820, 40.2971



53.5692, 52.3656, 72.7595



32.4731, 31.2045, 40.3899



7.4053, 7.4415, 9.4644



7.1515, 3.0702, 28.1912



0.2320, 0.1046, 0.6886

Previews

White Background



This preview shows how the XYZ color 32.9251, 36.6169, 32.5266 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 32.9251, 36.6169, 32.5266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

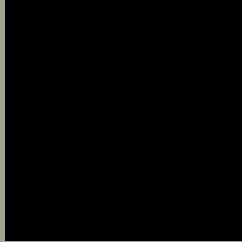
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.9251, 36.6169, 32.5266

Background



This preview shows how black text looks on a background with the XYZ color 32.9251, 36.6169, 32.5266.



This preview shows how white text looks on a background with the XYZ color 32.9251, 36.6169,

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

32.9251, 36.6169, 32.5266

Protanopia

34.5319, 36.4003, 31.5915

Deuteranopia

37.1694, 36.4424, 33.0920



Tritanopia

35.5585, 36.6172, 45.7511

Trichromacy



Original Color

32.9251, 36.6169, 32.5266

Protanomaly

33.9339, 36.3457, 32.0150

Deuteranomaly

35.5165, 36.3622, 32.7504

Tritanomaly

34.4960, 36.4518, 40.3397

Monochromacy



Original Color

32.9251, 36.6169, 32.5266

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.5951, 36.0683, 36.6437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9251, 36.6169, 32.5266 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(158, 166, 146)` looks like.

```
.text, #text, p{  
    color:rgb(158, 166, 146)  
}
```

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(158, 166, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 166, 146) }
```

Border

The CSS property to change the border of an element to XYZ 32.9251, 36.6169, 32.5266 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(158, 166, 146) }
```


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

```
.border{ border-color:rgb(158, 166, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 166, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 166, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 166, 146);  
box-shadow:4px 4px 4px 4px rgb(158, 166,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9251, 36.6169, 32.5266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 166, 146) }
```

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

```
.background{ background-color: rgb(158,  
166, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor