

Converting Colors

XYZ(32.0980, 37.6377, 29.6200)

Have a look what the booklet for
XYZ(32.0980, 37.6377, 29.6200)
contains.

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Color

**XYZ(32.0992, 37.6362,
29.6175)**

Conversions

Conversions Part 1

Format	Color
Hex	98AB8A
RGB	152, 171, 138
RGB Percent	60%, 67%, 54%
CMY	0.4039, 0.3294, 0.4588
CMYK	0.11, 0.00, 0.19, 0.33
HSL	95°, 16%, 61%
HSV	95°, 19%, 67%
XYZ	32.0992, 37.6362, 29.6175
YIQ	161.5570, -0.7310, -14.2910

Conversions

Conversions Part 2

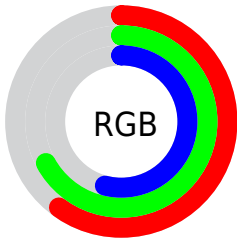
Format	Color
RYB	138, 171, 157
Decimal	10005386
CIELab	67.75, -12.80, 14.81
CIElCh	68, 19.580, 130.839
Yxy	37.6362, 0.3231, 0.3788
Android (android.graphics.Color)	4288195466 (0xFF98AB8A)
YUV	161.5570, -11.6136, -8.3815
Hunter-Lab	61.3483, -13.9633, 14.3201

Details

The XYZ color **32.0992, 37.6362, 29.6175** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.3455, 28.2865, 42.3906**, and the grayscale version is **34.1892, 35.9697, 39.1709**.

A 20% lighter version of the original color is **62.1644, 71.3203, 60.3590**, and **13.7251, 16.6649, 11.7258** is the 20% darker color. If you saturate the color by 10%, you get **29.1905, 36.2698, 23.5197**, and if you desaturate by 10%, it is **35.3579, 39.1628, 36.7509**.

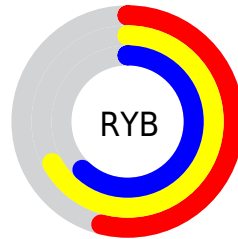
Distribution



Red (60%)

Green (67%)

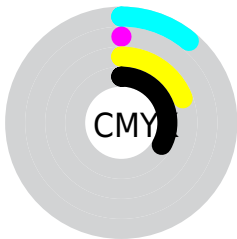
Blue (54%)



Red (54%)

Yellow (67%)

Blue (62%)

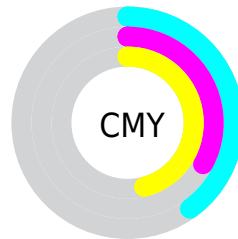


Cyan (11%)

Magenta (0%)

Yellow (19%)

Black (33%)



Cyan (40%)

Magenta (33%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0992, 37.6362, 29.6175 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 32.0992, 37.6362, 29.6175 by changing the saturation by 10% instead.

■ 32.0992, 37.6362,
29.6175

■ 32.0992, 37.6362,
29.6175

303.3082,
336.0568, 314.2691

■ 21.5932, 25.7005,
19.2989

■ 62.3307, 71.5502,
60.1106

■ 13.6732, 16.5997,
11.7074

■ 82.7869, 94.2972,
81.1221

■ 7.9739, 9.9495,
6.4247

■ 107.2906,
121.4168, 106.5350

■ 4.1299, 5.3655,
3.0321

136.2071,
153.2933, 136.7678

■ 1.7759, 2.4633,
1.1110

169.9017,
190.3112, 172.2391

■ 0.5031, 0.8582,
0.0000

208.7399,

■ 0.0000, 0.0000,

232.8548, 213.3674

0.0000

253.0869,
281.3085, 260.5712

■ 32.0992, 37.6362,
29.6175

■ 32.0992, 37.6362,
29.6175

■ 29.1905, 36.2698,
23.5197

■ 35.3579, 39.1628,
36.7509

■ 26.6160, 35.0531,
18.4068

■ 38.9757, 40.8498,
44.9623

■ 24.3630, 33.9818,
14.2278

■ 42.9651, 42.7040,
54.2948

■ 22.4169, 33.0496,
10.9261

■ 47.3369, 44.7300,
64.7885

■ 20.7615, 32.2496,
8.4387

■ 52.1016, 46.9324,
76.4814

■ 19.3790, 31.5740,
6.6944

■ 57.2692, 49.3156,
89.4098

■ 18.2490, 31.0143,
5.6097

■ 62.4107, 51.7083,
101.2990

■ 17.3350, 30.5553,
5.0185

■ 65.4963, 53.2990,
101.4434

■ 17.2762, 30.5258,
4.9815

■ 68.7605, 54.9818,
101.5962

Harmonies

Analogous

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



34.6886, 37.6362, 26.6907



32.0992, 37.6362, 29.6175



30.5508, 37.6362, 35.7480

Triad

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



32.0992, 37.6362, 29.6175



33.8955, 37.6362, 58.8285



41.7987, 37.6362, 37.9239

Complementary

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



32.0992, 37.6362, 29.6175



30.3455, 28.2865, 42.3906

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.



41.5567, 37.6362, 46.6979



32.0992, 37.6362, 29.6175



36.8779, 37.6362, 59.6288

Square

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



32.0992, 37.6362, 29.6175



31.5468, 37.6362, 52.8755



39.7150, 37.6362, 54.9288



40.3588, 37.6362, 31.0165

Rectangle

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



32.0992, 37.6362, 29.6175



30.2621, 37.6362, 41.2240



39.7150, 37.6362, 54.9288



41.9133, 37.6362, 40.7358

Sweetspot

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



32.1002, 37.6378, 29.6183



65.3187, 71.0676, 70.2975



33.3898, 34.5070, 28.9460



14.4778, 15.8070, 15.4770



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.1002, 37.6378, 29.6183



55.2724, 66.3642, 48.3368



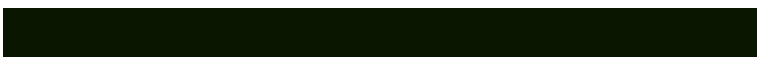
29.7937, 36.4302, 30.3504



8.2145, 9.0992, 8.5367



13.0807, 23.0404, 3.7578



0.4273, 0.6736, 0.1075

Inverse Universe

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



30.3455, 28.2865, 42.3906



51.5691, 46.6332, 75.2850



33.0272, 29.6930, 41.4303



8.0038, 7.9763, 10.0704



9.4377, 4.2252, 29.3626



0.3233, 0.1489, 0.8197

Previews

White Background



This preview shows how the XYZ color 32.0992, 37.6362, 29.6175 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 32.0992, 37.6362, 29.6175 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

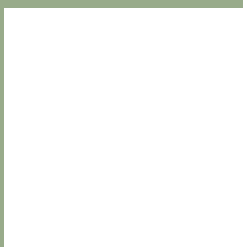
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.0992, 37.6362, 29.6175

Background



This preview shows how black text looks on a background with the XYZ color 32.0992, 37.6362, 29.6175.



This preview shows how white text looks on a background with the XYZ color 32.0992, 37.6362,

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

32.0992, 37.6362, 29.6175

Protanopia

35.1042, 37.2989, 28.2709

Deuteranopia

38.1921, 37.5382, 30.4320



Tritanopia

35.6924, 37.4340, 47.9921

Trichromacy



Original Color

32.0992, 37.6362, 29.6175

Protanomaly

33.9885, 37.5220, 28.7436

Deuteranomaly

35.7353, 37.3179, 30.1306

Tritanomaly

34.2299, 37.3857, 40.5340

Monochromacy



Original Color

32.0992, 37.6362, 29.6175

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.3055, 36.4793, 35.4228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0992, 37.6362, 29.6175 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(152, 171, 138)` looks like.

```
.text, #text, p{  
    color:rgb(152, 171, 138)  
}
```

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(152, 171, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 171, 138) }
```

Border

The CSS property to change the border of an element to XYZ 32.0992, 37.6362, 29.6175 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(152, 171, 138) }
```


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

```
.border{ border-color:rgb(152, 171, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 171, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 171, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 171, 138);  
box-shadow:4px 4px 4px 4px rgb(152, 171,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0992, 37.6362, 29.6175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 171, 138) }
```

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

```
.background{ background-color: rgb(152,  
171, 138) }
```

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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