

Converting Colors

XYZ(32.5002, 37.7640, 32.5256)

Have a look what the booklet for
XYZ(32.5002, 37.7640, 32.5256)
contains.

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Color

**XYZ(32.4362, 37.7495,
32.3649)**

Conversions

Conversions Part 1

Format	Color
Hex	97AB91
RGB	151, 171, 145
RGB Percent	59%, 67%, 57%
CMY	0.4078, 0.3294, 0.4314
CMYK	0.12, 0.00, 0.15, 0.33
HSL	106°, 13%, 62%
HSV	106°, 15%, 67%
XYZ	32.4362, 37.7495, 32.3649
YIQ	162.0560, -3.5740, -12.3260

Conversions

Conversions Part 2

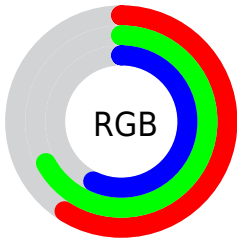
Format	Color
RYB	145, 171, 165
Decimal	9939857
CIELab	67.84, -11.95, 11.07
CIELCh	68, 16.290, 137.196
Yxy	37.7495, 0.3163, 0.3681
Android (android.graphics.Color)	4288129937 (0xFF97AB91)
YUV	162.0560, -8.4086, -9.6961
Hunter-Lab	61.4406, -13.2860, 11.7764

Details

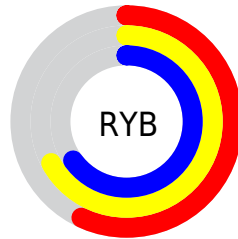
The XYZ color **32.4362, 37.7495, 32.3649** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9948, 31.1916, 42.8117**, and the grayscale version is **34.4091, 36.2010, 39.4229**.

A 20% lighter version of the original color is **62.6820, 71.4954, 64.5291**, and **13.9179, 16.7292, 13.3220** is the 20% darker color. If you saturate the color by 10%, you get **28.9091, 36.0734, 25.8271**, and if you desaturate by 10%, it is **36.4363, 39.6487, 39.9625**.

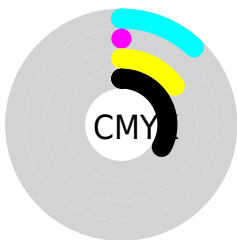
Distribution



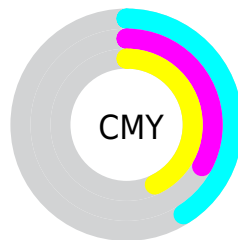
- Red (59%)
- Green (67%)
- Blue (57%)



- Red (57%)
- Yellow (67%)
- Blue (65%)



- Cyan (12%)
- Magenta (0%)
- Yellow (15%)
- Black (33%)





- Cyan (41%)
- Magenta (33%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4362, 37.7495, 32.3649 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 32.4362, 37.7495, 32.3649 by changing the saturation by 10% instead.


 32.4362, 37.7495,
32.3649


 32.4362, 37.7495,
32.3649


304.8116,
336.5442, 327.3220

 21.8521, 25.7883,
21.3732


 62.8549, 71.7240,
64.4872

 13.8642, 16.6654,
13.2032


 83.4201, 94.5062,
86.4550

 8.1074, 9.9962,
7.4363


108.0431,
121.6641, 112.9186

 4.2161, 5.3964,
3.6538

137.0892,
153.5822, 144.2964

 1.8251, 2.4817,
1.4374

170.9237,
190.6448, 181.0072

 0.5327, 0.8674,
0.1707

209.9121,

 0.0000, 0.0000,

233.2365, 223.4693

0.0000

254.4196,
281.7414, 272.1014

■ 32.4362, 37.7495,
32.3649

■ 32.4362, 37.7495,
32.3649

■ 28.9091, 36.0734,
25.8271

■ 36.4363, 39.6487,
39.9625

■ 25.8342, 34.6074,
20.2997

■ 40.9232, 41.7739,
48.6615

■ 23.1937, 33.3445,
15.7330

■ 45.9139, 44.1340,
58.5042

■ 20.9672, 32.2754,
12.0720

■ 51.4234, 46.7359,
69.5300

■ 19.1328, 31.3902,
9.2564

■ 57.4664, 49.5864,
81.7765

■ 17.6664, 30.6778,
7.2184

■ 64.0569, 52.6919,
95.2795

■ 16.5409, 30.1260,
5.8798

■ 69.6060, 55.4176,
101.6358

■ 15.7245, 29.7206,
5.1433

■ 73.8537, 57.6074,
101.8346

■ 15.4176, 29.5676,
4.8945

Harmonies

Analogous

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



34.4643, 37.7495, 29.2054



32.4362, 37.7495, 32.3649



31.3531, 37.7495, 38.0994

Triad

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



32.4362, 37.7495, 32.3649



34.8152, 37.7495, 56.1974



40.7176, 37.7495, 37.1297

Complementary

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



32.4362, 37.7495, 32.3649



32.9948, 31.1916, 42.8117

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.



40.8224, 37.7495, 44.2600



32.4362, 37.7495, 32.3649



37.3335, 37.7495, 55.8585

Square

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



32.4362, 37.7495, 32.3649



32.6827, 37.7495, 52.1646



39.5588, 37.7495, 51.2868



39.2788, 37.7495, 31.7270

Rectangle

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



32.4362, 37.7495, 32.3649



31.2778, 37.7495, 42.8682



39.5588, 37.7495, 51.2868



40.9123, 37.7495, 39.3865

Sweetspot

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



32.4372, 37.7511, 32.3657



65.3414, 71.0474, 71.7384



35.3502, 37.5903, 32.1811



14.4561, 15.7892, 15.7768



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.



32.4372, 37.7511, 32.3657



56.0349, 66.6301, 54.1185



31.9032, 37.4122, 35.2179



8.0710, 9.0252, 8.5300



11.6616, 22.3089, 3.6914



0.3717, 0.6450, 0.1049

Inverse Universe

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



32.9948, 31.1916, 42.8117



57.2111, 52.7797, 76.1740



33.6283, 31.5925, 39.4807



8.1537, 8.0535, 10.0774



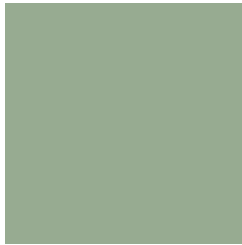
12.7093, 5.9118, 29.5157



0.3972, 0.1870, 0.8231

Previews

White Background



This preview shows how the XYZ color 32.4362, 37.7495, 32.3649 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 32.4362, 37.7495, 32.3649 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

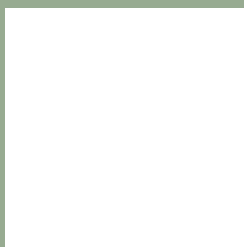
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.4362, 37.7495, 32.3649

Background



This preview shows how black text looks on a background with the XYZ color 32.4362, 37.7495, 32.3649.



This preview shows how white text looks on a background with the XYZ color 32.4362, 37.7495,

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

32.4362, 37.7495, 32.3649

Protanopia

35.5712, 37.7475, 31.0024

Deuteranopia

38.1581, 37.4677, 32.8246



Tritanopia

35.4832, 37.5950, 48.0342

Trichromacy



Original Color

32.4362, 37.7495, 32.3649

Protanomaly

34.2937, 37.6199, 31.4405

Deuteranomaly

35.7411, 37.2684, 32.5039

Tritanomaly

34.3041, 37.6653, 42.0213

Monochromacy



Original Color

32.4362, 37.7495, 32.3649

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.5564, 36.5797, 36.7445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4362, 37.7495, 32.3649 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(151, 171, 145)` looks like.

```
.text, #text, p{  
    color:rgb(151, 171, 145)  
}
```

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(151, 171, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 171, 145) }
```

Border

The CSS property to change the border of an element to XYZ 32.4362, 37.7495, 32.3649 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(151, 171, 145) }
```


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

```
.border{ border-color:rgb(151, 171, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 171, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 171, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 171, 145);  
box-shadow:4px 4px 4px 4px rgb(151, 171,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4362, 37.7495, 32.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 171, 145) }
```

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

```
.background{ background-color: rgb(151,  
171, 145) }
```

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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