

Converting Colors

XYZ(32.3797, 35.5268, 32.6278)

Have a look what the booklet for
XYZ(32.3797, 35.5268, 32.6278)
contains.

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Color

**XYZ(32.4642, 35.5701,
32.7584)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA393
RGB	158, 163, 147
RGB Percent	62%, 64%, 58%
CMY	0.3804, 0.3608, 0.4235
CMYK	0.03, 0.00, 0.10, 0.36
HSL	79°, 8%, 61%
HSV	79°, 10%, 64%
XYZ	32.4642, 35.5701, 32.7584
YIQ	159.6810, 2.1560, -6.0360

Conversions

Conversions Part 2

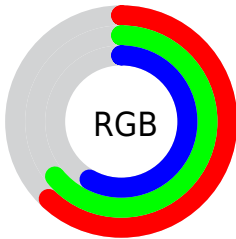
Format	Color
RYB	147, 163, 152
Decimal	10396563
CIELab	66.19, -4.76, 7.69
CIELCh	66, 9.046, 121.739
Yxy	35.5701, 0.3221, 0.3529
Android (android.graphics.Color)	4288586643 (0xFF9EA393)
YUV	159.6810, -6.2517, -1.4742
Hunter-Lab	59.6407, -7.2083, 9.1827

Details

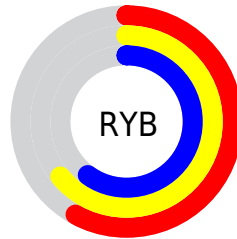
The XYZ color **32.4642, 35.5701, 32.7584** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.9949, 30.1881, 38.8983**, and the grayscale version is **33.2948, 35.0287, 38.1462**.

A 20% lighter version of the original color is **63.0546, 68.5060, 65.1580**, and **13.8592, 15.3392, 13.2966** is the 20% darker color. If you saturate the color by 10%, you get **30.2932, 34.5894, 26.4464**, and if you desaturate by 10%, it is **34.8600, 36.6478, 40.0286**.

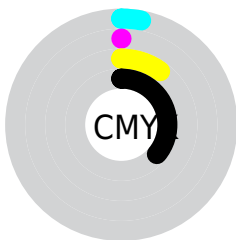
Distribution



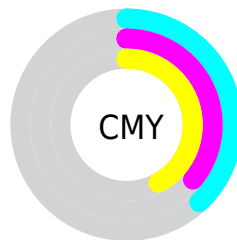
- Red (62%)
- Green (64%)
- Blue (58%)



- Red (58%)
- Yellow (64%)
- Blue (60%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (36%)



- Cyan (38%)
- Magenta (36%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4642, 35.5701, 32.7584 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 32.4642, 35.5701, 32.7584 by changing the saturation by 10% instead.

■ 32.4642, 35.5701,
32.7584

■ 32.4642, 35.5701,
32.7584

304.9363,
327.0776, 329.1582

■ 21.8736, 24.1024,
21.6718

■ 62.8984, 68.3680,
65.1098

■ 13.8801, 15.4096,
13.4200

■ 83.4727, 90.4670,
87.2117

■ 8.1185, 9.1073,
7.5842

108.1056,
116.8785, 113.8225

■ 4.2233, 4.8113,
3.7462

137.1624,
147.9869, 145.3607

■ 1.8292, 2.1369,
1.4871

171.0085,
184.1766, 182.2448

■ 0.5352, 0.6853,
0.2083

210.0093,

■ 0.0000, 0.0000,

225.8320, 224.8934

0.0000

254.5301,
273.3376, 273.7250

■ 32.4642, 35.5701,
32.7584

■ 32.4642, 35.5701,
32.7584

■ 30.2932, 34.5894,
26.4464

■ 34.8600, 36.6478,
40.0286

■ 28.3361, 33.6979,
21.0502

■ 37.4853, 37.8210,
48.2923

■ 26.5851, 32.8935,
16.5279

■ 40.3484, 39.0943,
57.5857

■ 25.0310, 32.1725,
12.8334

■ 43.4561, 40.4703,
67.9428

■ 23.6636, 31.5308,
9.9160

■ 46.8150, 41.9519,
79.3957

■ 22.4719, 30.9638,
7.7200

■ 50.4314, 43.5415,
91.9755

■ 21.4433, 30.4665,
6.1818

■ 53.3129, 44.8423,
100.4533

■ 20.5630, 30.0329,
5.2271

■ 54.6406, 45.5268,
100.5154

■ 19.7986, 29.6500,
4.6881

■ 56.0137, 46.2346,
100.5797

Harmonies

Analogous

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



33.7298, 35.5701, 31.7794



32.4642, 35.5701, 32.7584



31.5782, 35.5701, 35.3231

Triad

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



32.4642, 35.5701, 32.7584



32.5969, 35.5701, 45.6367



36.4635, 35.5701, 38.5051

Complementary

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



32.4642, 35.5701, 32.7584



29.9949, 30.1881, 38.8983

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.



36.1410, 35.5701, 42.3488



32.4642, 35.5701, 32.7584



33.8870, 35.5701, 46.6262

Square

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



32.4642, 35.5701, 32.7584



31.6534, 35.5701, 42.7639



35.1890, 35.5701, 45.3860



36.0589, 35.5701, 34.9577

Rectangle

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



32.4642, 35.5701, 32.7584



31.3097, 35.5701, 37.6739



35.1890, 35.5701, 45.3860



36.4365, 35.5701, 39.8052

Sweetspot

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



32.4652, 35.5716, 32.7592



60.9948, 64.9870, 67.2769



31.5678, 32.2859, 32.1722



13.6225, 14.5614, 14.8762



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.



32.4652, 35.5716, 32.7592



57.1680, 63.2644, 55.7931



30.9793, 34.8057, 32.6896



7.4330, 8.1257, 7.5567



15.4241, 23.0619, 3.6385



0.3693, 0.5079, 0.0786

Inverse Universe

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



29.9949, 30.1881, 38.8983



51.7492, 51.4548, 69.2604



31.5031, 30.9656, 38.9688



6.8992, 6.9624, 8.8833



6.2397, 2.6232, 27.1072



0.1778, 0.0792, 0.5718

Previews

White Background



This preview shows how the XYZ color 32.4642, 35.5701, 32.7584 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 32.4642, 35.5701, 32.7584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

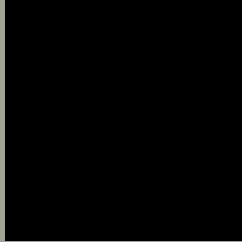
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4642, 35.5701, 32.7584

Background



This preview shows how black text looks on a background with the XYZ color 32.4642, 35.5701, 32.7584.



This preview shows how white text looks on a background with the XYZ color 32.4642, 35.5701,

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

32.4642, 35.5701, 32.7584

Protanopia

33.6955, 35.4324, 32.2573

Deuteranopia

36.2022, 35.4364, 33.3656



Tritanopia

34.7448, 35.4562, 44.0422

Trichromacy



Original Color

32.4642, 35.5701, 32.7584

Protanomaly

33.2430, 35.4576, 32.2860

Deuteranomaly

34.8057, 35.4761, 33.0301

Tritanomaly

33.8796, 35.3630, 39.6904

Monochromacy



Original Color

32.4642, 35.5701, 32.7584

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.9593, 35.2272, 36.0727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4642, 35.5701, 32.7584 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, 163, 147)` looks like.

```
.text, #text, p{  
    color:rgb(158, 163, 147)  
}
```

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, 163, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 163, 147) }
```

Border

The CSS property to change the border of an element to XYZ 32.4642, 35.5701, 32.7584 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, 163, 147) }
```


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

```
.border{ border-color:rgb(158, 163, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 163, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 163, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 163, 147);  
box-shadow:4px 4px 4px 4px rgb(158, 163,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4642, 35.5701, 32.7584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 163, 147) }
```

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

```
.background{ background-color: rgb(158,  
163, 147) }
```

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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