

Converting Colors

XYZ(32.9162, 36.2380, 40.9619)

Have a look what the booklet for
XYZ(32.9162, 36.2380, 40.9619)
contains.

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Color

**XYZ(32.8243, 36.1109,
40.8374)**

Conversions

Conversions Part 1

Format	Color
Hex	96A5A5
RGB	150, 165, 165
RGB Percent	59%, 65%, 65%
CMY	0.4118, 0.3529, 0.3529
CMYK	0.09, 0.00, 0.00, 0.35
HSL	180°, 8%, 62%
HSV	180°, 9%, 65%
XYZ	32.8243, 36.1109, 40.8374
YIQ	160.5150, -8.9400, -3.1800

Conversions

Conversions Part 2

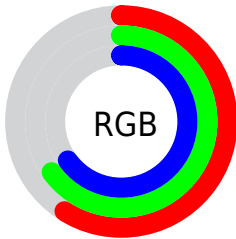
Format	Color
RYB	150, 158, 165
Decimal	9872805
CIELab	66.60, -5.26, -1.81
CIElCh	67, 5.560, 199.004
Yxy	36.1109, 0.2990, 0.3290
Android (android.graphics.Color)	4288062885 (0xFF96A5A5)
YUV	160.5150, 2.2111, -9.2217
Hunter-Lab	60.0923, -7.6594, 1.7725

Details

The XYZ color **32.8243, 36.1109, 40.8374** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.9297, 32.0149, 33.3523**, and the grayscale version is **33.6453, 35.3975, 38.5478**.

A 20% lighter version of the original color is **63.4133, 69.1911, 77.7231**, and **14.0314, 15.6552, 17.9050** is the 20% darker color. If you saturate the color by 10%, you get **29.9993, 34.6556, 40.7046**, and if you desaturate by 10%, it is **36.0789, 37.7897, 40.9918**.

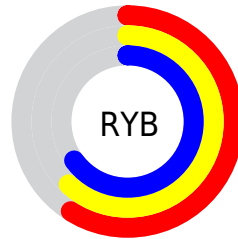
Distribution



Red (59%)

Green (65%)

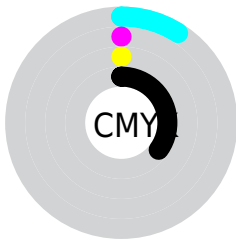
Blue (65%)



Red (59%)

Yellow (62%)

Blue (65%)

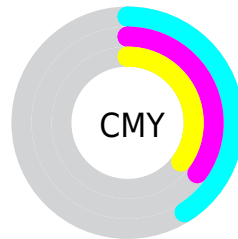


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (35%)



Cyan (41%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8243, 36.1109, 40.8374 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 32.8243, 36.1109, 40.8374 by changing the saturation by 10% instead.

■ 32.8243, 36.1109,
40.8374

■ 32.8243, 36.1109,
40.8374

306.5363,
329.4450, 365.2971

■ 22.1505, 24.5199,
27.8733

■ 63.4576, 69.2032,
77.6880

■ 14.0847, 15.7197,
17.9920

■ 84.1479, 91.4733,
102.4116

■ 8.2617, 9.3260,
10.7748

108.9076,
118.0718, 131.8921

■ 4.3161, 4.9544,
5.8034

138.1022,
149.3831, 166.5480

■ 1.8825, 2.2206,
2.6590

172.0970,
185.7917, 206.7979

■ 0.5666, 0.7312,
0.9227

211.2574,

■ 0.0000, 0.0000,

227.6820, 253.0604

0.0000

255.9487,
275.4383, 305.7539

■ 32.8243, 36.1109,
40.8374

■ 32.8243, 36.1109,
40.8374

■ 29.9993, 34.6556,
40.7046

■ 36.0789, 37.7897,
40.9918

■ 27.5831, 33.4100,
40.5902

■ 39.7768, 39.6960,
41.1662

■ 25.5577, 32.3659,
40.4941

■ 43.9349, 41.8395,
41.3621

■ 23.9025, 31.5127,
40.4153

■ 48.5682, 44.2280,
41.5803

■ 22.5953, 30.8388,
40.3527

■ 53.6910, 46.8689,
41.8214

■ 21.6111, 30.3314,
40.3053

■ 59.3171, 49.7693,
42.0860

■ 20.9219, 29.9762,
40.2718

■ 61.4893, 50.8890,
42.1890

■ 20.4948, 29.7560,
40.2504

■ 61.4895, 50.8891,
42.1904

■ 20.2639, 29.6370,
40.2383

■ 61.4898, 50.8892,
42.1917

Harmonies

Analogous

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



32.7679, 36.1109, 38.4468



32.8243, 36.1109, 40.8374



33.2782, 36.1109, 42.8979

Triad

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



32.8243, 36.1109, 40.8374



35.5503, 36.1109, 42.4177



34.6300, 36.1109, 34.9690

Complementary

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



32.8243, 36.1109, 40.8374



31.9297, 32.0149, 33.3523

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.



35.3880, 36.1109, 35.9442



32.8243, 36.1109, 40.8374



35.9251, 36.1109, 40.2036

Square

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



32.8243, 36.1109, 40.8374



34.8486, 36.1109, 43.8356



35.8653, 36.1109, 37.8380



33.8014, 36.1109, 35.1232

Rectangle

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



32.8243, 36.1109, 40.8374



33.7494, 36.1109, 43.7767



35.8653, 36.1109, 37.8380



34.9017, 36.1109, 35.1740

Sweetspot

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



32.8253, 36.1124, 40.8382



62.2092, 66.4368, 73.2964



31.5849, 35.6216, 34.0656



13.4996, 14.4726, 16.0193



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.



32.8253, 36.1124, 40.8382



57.6548, 64.0890, 73.0813



31.5544, 33.5702, 40.4157



7.2761, 8.0113, 9.0656



15.3149, 22.4123, 30.4385



0.3218, 0.4709, 0.6397

Inverse Universe

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



31.9297, 32.0149, 33.3523



55.7065, 55.1760, 56.7979



33.1227, 34.4012, 33.7490



7.0738, 7.0860, 7.3752



11.7390, 6.0516, 0.5501



0.2467, 0.1272, 0.0116

Previews

White Background



This preview shows how the XYZ color 32.8243, 36.1109, 40.8374 looks on a white background.

Color Contrast Check

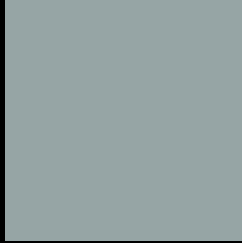
Large Text (above 18pt) WCAG AA × Fail

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 32.8243, 36.1109, 40.8374 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

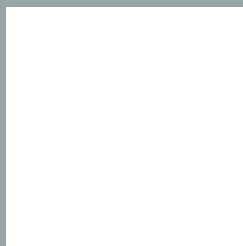
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.8243, 36.1109, 40.8374

Background



This preview shows how black text looks on a background with the XYZ color 32.8243, 36.1109, 40.8374.



This preview shows how white text looks on a background with the XYZ color 32.8243, 36.1109,

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

32.8243, 36.1109, 40.8374

Protanopia

34.6656, 36.0266, 39.7771

Deuteranopia

36.7112, 36.0179, 41.5765



Tritanopia

33.8826, 36.0044, 46.2380

Trichromacy



Original Color

32.8243, 36.1109, 40.8374

Protanomaly

33.9192, 35.8919, 40.2621

Deuteranomaly

35.1796, 36.0018, 41.1713

Tritanomaly

33.4844, 36.1088, 44.2346

Monochromacy



Original Color

32.8243, 36.1109, 40.8374

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.3465, 35.6174, 39.2997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8243, 36.1109, 40.8374 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(150, 165, 165)` looks like.

```
.text, #text, p{  
    color:rgb(150, 165, 165)  
}
```

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(150, 165, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 165, 165) }
```

Border

The CSS property to change the border of an element to XYZ 32.8243, 36.1109, 40.8374 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(150, 165, 165) }
```


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

```
.border{ border-color:rgb(150, 165, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 165, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 165, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 165, 165);  
box-shadow:4px 4px 4px 4px rgb(150, 165,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8243, 36.1109, 40.8374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 165, 165) }
```

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

```
.background{ background-color: rgb(150,  
165, 165) }
```

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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