

Converting Colors

XYZ(32.4885, 36.1420, 43.7919)

Have a look what the booklet for
XYZ(32.4885, 36.1420, 43.7919)
contains.

XYZ(32.4885, 36.1420, 43.7919)	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(32.4885, 36.1420,
43.7919)**

Conversions

Conversions Part 1

Format	Color
Hex	90A6AB
RGB	144, 166, 171
RGB Percent	56%, 65%, 67%
CMY	0.4353, 0.3490, 0.3294
CMYK	0.16, 0.03, 0.00, 0.33
HSL	191°, 14%, 62%
HSV	191°, 16%, 67%
XYZ	32.4885, 36.1420, 43.7919
YIQ	159.9920, -14.7170, -3.1090

Conversions

Conversions Part 2

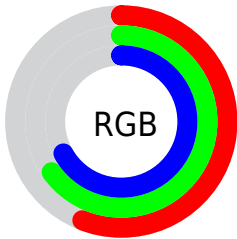
Format	Color
RYB	144, 156, 171
Decimal	9479851
CIELab	66.63, -6.56, -5.17
CIElCh	67, 8.351, 218.229
Yxy	36.1420, 0.2890, 0.3215
Android (android.graphics.Color)	4287669931 (0xFF90A6AB)
YUV	159.9920, 5.4269, -14.0250
Hunter-Lab	60.1182, -8.7437, -1.1059

Details

The XYZ color **32.4885, 36.1420, 43.7919** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.5764, 32.1664, 30.8780**, and the grayscale version is **33.3914, 35.1303, 38.2569**.

A 20% lighter version of the original color is **62.8726, 69.2097, 81.9966**, and **13.8613, 15.6937, 19.7514** is the 20% darker color. If you saturate the color by 10%, you get **29.1570, 33.5818, 43.4739**, and if you desaturate by 10%, it is **36.2887, 38.9668, 44.1374**.

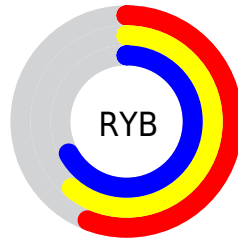
Distribution



Red (56%)

Green (65%)

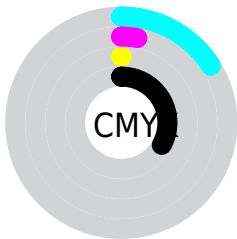
Blue (67%)



Red (56%)

Yellow (61%)

Blue (67%)

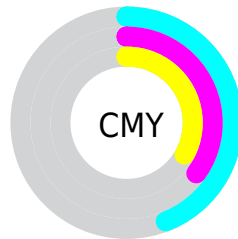


Cyan (16%)

Magenta (3%)

Yellow (0%)

Black (33%)



Cyan (44%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4885, 36.1420, 43.7919 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 32.4885, 36.1420, 43.7919 by changing the saturation by 10% instead.

■ 32.4885, 36.1420,
43.7919

■ 32.4885, 36.1420,
43.7919

305.0445,
329.5808, 377.8749

■ 21.8922, 24.5439,
30.1709

■ 62.9362, 69.2512,
82.2036

■ 13.8939, 15.7376,
19.7152

■ 83.5183, 91.5310,
107.8315

■ 8.1281, 9.3386,
12.0062

108.1597,
118.1403, 138.2988

■ 4.2295, 4.9627,
6.6253

137.2259,
149.4633, 174.0240

■ 1.8328, 2.2254,
3.1540

171.0821,
185.8844, 215.4256

■ 0.5373, 0.7338,
1.1738

210.0937,

■ 0.0000, 0.0000,

227.7881, 262.9223

0.0000

254.6260,
275.5588, 316.9326

■ 32.4885, 36.1420,
43.7919

■ 32.4885, 36.1420,
43.7919

■ 29.1570, 33.5818,
43.4739

■ 36.2887, 38.9668,
44.1374

■ 26.2707, 31.2710,
43.1800

■ 40.5734, 42.0616,
44.5089

■ 23.8087, 29.1996,
42.9099

■ 45.3619, 45.4374,
44.9082

■ 21.7471, 27.3553,
42.6626

■ 50.6712, 49.1031,
45.3359

■ 20.0597, 25.7243,
42.4367

■ 56.5175, 53.0673,
45.7929

■ 18.7169, 24.2912,
42.2309

■ 62.9164, 57.3381,
46.2800

■ 17.6847, 23.0384,
42.0435

■ 66.6083, 60.2353,
46.6446

■ 16.9189, 21.9428,
41.8724

■ 67.2927, 61.6041,
46.8728

■ 16.6340, 21.5067,
41.8032

■ 67.9920, 63.0028,
47.1059

Harmonies

Analogous

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



32.0155, 36.1420, 40.3513



32.4885, 36.1420, 43.7919



33.4634, 36.1420, 46.1352

Triad

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



32.4885, 36.1420, 43.7919



36.6451, 36.1420, 41.9754



34.0072, 36.1420, 32.8932

Complementary

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



32.4885, 36.1420, 43.7919



32.5764, 32.1664, 30.8780

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.



35.2559, 36.1420, 33.2694



32.4885, 36.1420, 43.7919



36.7993, 36.1420, 38.3703

Square

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



32.4885, 36.1420, 43.7919



35.8689, 36.1420, 45.0428



36.2852, 36.1420, 35.2237



32.8783, 36.1420, 34.1629

Rectangle

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



32.4885, 36.1420, 43.7919



34.2773, 36.1420, 46.6825



36.2852, 36.1420, 35.2237



34.4266, 36.1420, 32.8330

Sweetspot

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



32.4896, 36.1435, 43.7927



65.4991, 70.1588, 79.0917



31.4860, 37.2241, 33.9390



14.4960, 15.5648, 17.6280



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.



32.4896, 36.1435, 43.7927



55.9756, 63.0503, 78.2216



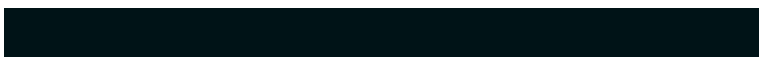
30.1706, 31.5057, 43.0197



8.1084, 8.8162, 10.2270



12.5750, 16.2838, 31.5248



0.3820, 0.5174, 0.8877

Inverse Universe

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



33.6516, 31.3584, 40.3573



58.4824, 52.8843, 70.7756



34.8290, 36.6717, 31.6289



8.2725, 8.1223, 9.7459



16.2109, 7.9469, 19.2879



0.4672, 0.2276, 0.6221

Previews

White Background



This preview shows how the XYZ color 32.4885, 36.1420, 43.7919 looks on a white background.

Color Contrast Check

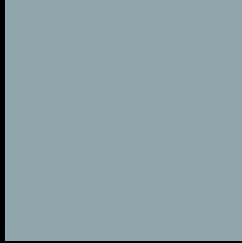
Large Text (above 18pt) WCAG AA × Fail

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 32.4885, 36.1420, 43.7919 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 32.4885, 36.1420, 43.7919

Background



This preview shows how black text looks on a background with the XYZ color 32.4885, 36.1420, 43.7919.



This preview shows how white text looks on a background with the XYZ color 32.4885, 36.1420,

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

32.4885, 36.1420, 43.7919

Protanopia

34.9170, 36.1034, 42.1741

Deuteranopia

36.6131, 35.9017, 44.5352



Tritanopia

33.1681, 36.1444, 47.3479

Trichromacy



Original Color

32.4885, 36.1420, 43.7919

Protanomaly

33.9689, 36.1269, 42.7189

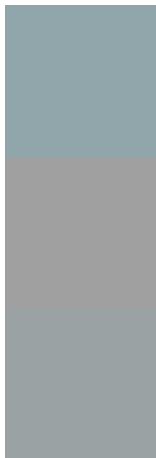
Deuteranomaly

34.9175, 35.8016, 44.0998

Tritanomaly

32.8701, 36.0252, 45.7786

Monochromacy



Original Color

32.4885, 36.1420, 43.7919

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.9476, 35.3910, 40.2166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4885, 36.1420, 43.7919 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(144, 166, 171)` looks like.

```
.text, #text, p{  
    color:rgb(144, 166, 171)  
}
```

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(144, 166, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 166, 171) }
```

Border

The CSS property to change the border of an element to XYZ 32.4885, 36.1420, 43.7919 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(144, 166, 171) }
```


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

```
.border{ border-color:rgb(144, 166, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 166, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 166, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 166, 171);  
box-shadow:4px 4px 4px 4px rgb(144, 166,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4885, 36.1420, 43.7919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 166, 171) }
```

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

```
.background{ background-color: rgb(144,  
166, 171) }
```

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