

Converting Colors

XYZ(32.3309, 38.4500, 43.4904)

Have a look what the booklet for
XYZ(32.3309, 38.4500, 43.4904)
contains.

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Color

**XYZ(32.3229, 38.5928,
43.2817)**

Conversions

Conversions Part 1

Format	Color
Hex	86AFA9
RGB	134, 175, 169
RGB Percent	53%, 69%, 66%
CMY	0.4745, 0.3137, 0.3372
CMYK	0.23, 0.00, 0.03, 0.31
HSL	171°, 20%, 61%
HSV	171°, 23%, 69%
XYZ	32.3229, 38.5928, 43.2817
YIQ	162.0570, -22.5100, -10.5580

Conversions

Conversions Part 2

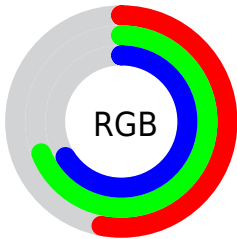
Format	Color
RYB	134, 156, 175
Decimal	8826793
CIELab	68.46, -15.03, -1.44
CIElCh	68, 15.099, 185.480
Yxy	38.5928, 0.2830, 0.3379
Android (android.graphics.Color)	4287016873 (0xFF86AFA9)
YUV	162.0570, 3.4229, -24.6060
Hunter-Lab	62.1231, -15.8412, 2.1783

Details

The XYZ color **32.3229, 38.5928, 43.2817** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.9392, 28.0586, 28.5977**, and the grayscale version is **34.3622, 36.1517, 39.3692**.

A 20% lighter version of the original color is **62.7695, 73.2250, 81.3465**, and **13.7377, 17.0424, 19.3951** is the 20% darker color. If you saturate the color by 10%, you get **29.5233, 37.1781, 41.9082**, and if you desaturate by 10%, it is **35.5910, 40.2505, 44.7034**.

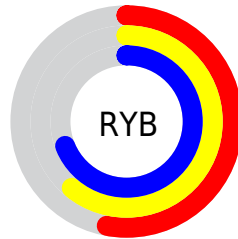
Distribution



Red (53%)

Green (69%)

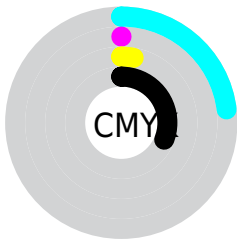
Blue (66%)



Red (53%)

Yellow (61%)

Blue (69%)

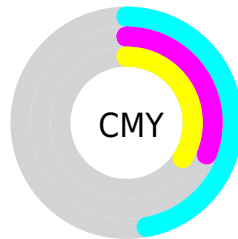


Cyan (23%)

Magenta (0%)

Yellow (3%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3229, 38.5928, 43.2817 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 32.3229, 38.5928, 43.2817 by changing the saturation by 10% instead.

■ 32.3229, 38.5928,
43.2817

■ 32.3229, 38.5928,
43.2817

304.3068,
340.1561, 375.7242

■ 21.7650, 26.4431,
29.7732

■ 62.6787, 73.0158,
81.4267

■ 13.8000, 17.1554,
19.4159

■ 83.2074, 96.0580,
106.9002

■ 8.0624, 10.3454,
11.7913

■ 107.7903,
123.4997, 137.1992

■ 4.1871, 5.6285,
6.4809

136.7929,
155.7254, 172.7421

■ 1.8085, 2.6206,
3.0662

170.5805,
193.1195, 213.9475

■ 0.5228, 0.9370,
1.1285

209.5184,

■ 0.0000, 0.0000,

236.0664, 261.2340

0.0000

253.9721,
284.9505, 315.0200

■ 32.3229, 38.5928,
43.2817

■ 32.3229, 38.5928,
43.2817

■ 29.5233, 37.1781,
41.9082

■ 35.5910, 40.2505,
44.7034

■ 27.1662, 35.9899,
40.5790

■ 39.3455, 42.1574,
46.1718

■ 25.2280, 35.0172,
39.2938

■ 43.6074, 44.3253,
47.6888

■ 23.6817, 34.2460,
38.0511

■ 48.3952, 46.7638,
49.2554

■ 22.4971, 33.6606,
36.8493

■ 53.7269, 49.4822,
50.8726

■ 21.6393, 33.2433,
35.6868

■ 59.6194, 52.4890,
52.5414

■ 21.0668, 32.9725,
34.5613

■ 65.5332, 55.5063,
54.2365

■ 20.7863, 32.8435,
33.8392

■ 65.8099, 55.6170,
55.6934

■ 66.0915, 55.7296,
57.1762

Harmonies

Analogous

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



32.6834, 38.5928, 36.8262



32.3229, 38.5928, 43.2817



33.0887, 38.5928, 50.0738

Triad

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



32.3229, 38.5928, 43.2817



39.3948, 38.5928, 53.5896



38.6083, 38.5928, 31.2149

Complementary

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



32.3229, 38.5928, 43.2817



30.9392, 28.0586, 28.5977

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.



40.5250, 38.5928, 34.8814



32.3229, 38.5928, 43.2817



40.9926, 38.5928, 47.6827

Square

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



32.3229, 38.5928, 43.2817



37.1189, 38.5928, 56.4222



41.4149, 38.5928, 40.7850



36.2472, 38.5928, 30.3059

Rectangle

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



32.3229, 38.5928, 43.2817



34.1551, 38.5928, 53.7375



41.4149, 38.5928, 40.7850



39.3291, 38.5928, 32.1448

Sweetspot

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



32.3240, 38.5944, 43.2826



67.8770, 74.1849, 81.7074



30.4747, 37.9712, 28.2779



14.9987, 16.4438, 18.1264



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.3240, 38.5944, 43.2826



55.2514, 67.7836, 76.2597



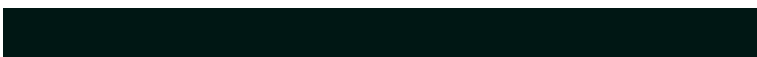
30.2543, 33.5323, 45.4370



8.1852, 9.0516, 10.0001



14.9027, 23.5263, 24.3250



0.4281, 0.6599, 0.7477

Inverse Universe

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



30.9392, 28.0586, 28.5977



52.3463, 45.6666, 45.4419



32.6284, 32.1262, 27.0362



8.0512, 8.0337, 8.5807



12.8057, 6.5848, 1.3563



0.3706, 0.1889, 0.1134

Previews

White Background



This preview shows how the XYZ color 32.3229, 38.5928, 43.2817 looks on a white background.

Color Contrast Check

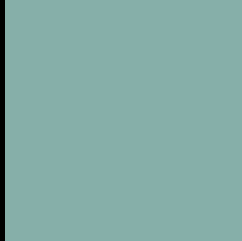
Large Text (above 18pt) WCAG AA × Fail

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 32.3229, 38.5928, 43.2817 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 32.3229, 38.5928, 43.2817

Background



This preview shows how black text looks on a background with the XYZ color 32.3229, 38.5928, 43.2817.

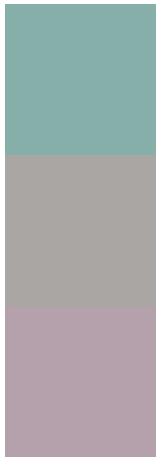


This preview shows how white text looks on a background with the XYZ color 32.3229, 38.5928,

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

32.3229, 38.5928, 43.2817

Protanopia

36.9146, 38.4988, 40.6074

Deuteranopia

39.0137, 38.1716, 44.3413



Tritanopia

34.0967, 38.4535, 52.0796

Trichromacy



Original Color

32.3229, 38.5928, 43.2817

Protanomaly

34.9755, 38.2972, 41.6251

Deuteranomaly

36.0912, 37.9992, 43.9605

Tritanomaly

33.4983, 38.5008, 48.8459

Monochromacy



Original Color

32.3229, 38.5928, 43.2817

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.5591, 37.0294, 40.9760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3229, 38.5928, 43.2817 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(134, 175, 169)` looks like.

```
.text, #text, p{  
    color:rgb(134, 175, 169)  
}
```

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(134, 175, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 175, 169) }
```

Border

The CSS property to change the border of an element to XYZ 32.3229, 38.5928, 43.2817 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(134, 175, 169) }
```


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

```
.border{ border-color:rgb(134, 175, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 175, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 175, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 175, 169);  
box-shadow:4px 4px 4px 4px rgb(134, 175,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3229, 38.5928, 43.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 175, 169) }
```

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

```
.background{ background-color: rgb(134,  
175, 169) }
```

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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