

Converting Colors

XYZ(32.6188, 43.4573, 38.0584)

Have a look what the booklet for
XYZ(32.6188, 43.4573, 38.0584)
contains.

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Color

**XYZ(32.5826, 43.4382,
38.1196)**

Conversions

Conversions Part 1

Format	Color
Hex	7BBE9C
RGB	123, 190, 156
RGB Percent	48%, 75%, 61%
CMY	0.5176, 0.2549, 0.3882
CMYK	0.35, 0.00, 0.18, 0.25
HSL	150°, 34%, 61%
HSV	150°, 35%, 75%
XYZ	32.5826, 43.4382, 38.1196
YIQ	166.0910, -29.0180, -24.7780

Conversions

Conversions Part 2

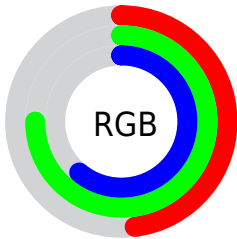
Format	Color
RYB	123, 168, 190
Decimal	8109724
CIELab	71.85, -28.74, 10.51
CIElCh	72, 30.597, 159.912
Yxy	43.4382, 0.2855, 0.3806
Android (android.graphics.Color)	4286299804 (0xFF7BBE9C)
YUV	166.0910, -4.9749, -37.7908
Hunter-Lab	65.9077, -27.0938, 11.8433

Details

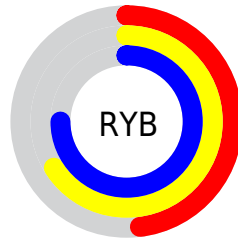
The XYZ color **32.5826, 43.4382, 38.1196** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.4055, 27.5484, 35.4041**, and the grayscale version is **36.3238, 38.2155, 41.6167**.

A 20% lighter version of the original color is **63.1501, 80.5718, 73.8516**, and **13.9525, 19.9678, 16.4834** is the 20% darker color. If you saturate the color by 10%, you get **29.3397, 41.8582, 33.8739**, and if you desaturate by 10%, it is **36.4203, 45.3196, 42.7334**.

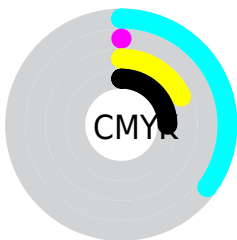
Distribution



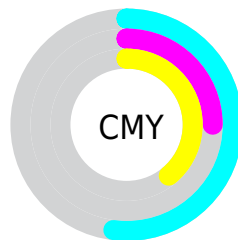
- Red (48%)
- Green (75%)
- Blue (61%)



- Red (48%)
- Yellow (66%)
- Blue (75%)



- Cyan (35%)
- Magenta (0%)
- Yellow (18%)
- Black (25%)





- Cyan (52%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5826, 43.4382, 38.1196 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 32.5826, 43.4382, 38.1196 by changing the saturation by 10% instead.

 32.5826, 43.4382,
38.1196


 32.5826, 43.4382,
38.1196


305.4630,
360.4108, 353.4463


 21.9646, 30.2291,
25.7730


 63.0824, 80.3717,
73.4969

 13.9473, 20.0125,
16.4296


 83.6948, 104.8649,
97.3646

 8.1655, 12.4042,
9.6710

 108.3695,
133.8882, 125.9098

 4.2537, 7.0196,
5.0787

137.4717,
167.8261, 159.5509

 1.8467, 3.4743,
2.2339

171.3668,
207.0629, 198.7066

 0.5455, 1.3841,
0.6939

210.4201,

 0.0000, 0.2050,

251.9830, 243.7954

0.0000

254.9971,
302.9708, 295.2358

■ 0.0000, 0.0000,
0.0000

■ 32.5826, 43.4382,
38.1196

■ 32.5826, 43.4382,
38.1196

■ 29.3397, 41.8582,
33.8739

■ 36.4203, 45.3196,
42.7334

■ 26.6557, 40.5579,
29.9841

■ 40.8787, 47.5123,
47.7212

■ 24.4967, 39.5211,
26.4414

■ 45.9867, 50.0320,
53.0928

■ 22.8229, 38.7274,
23.2354

■ 51.7702, 52.8919,
58.8563

■ 21.5888, 38.1537,
20.3554

■ 58.2535, 56.1044,
65.0198

■ 20.7385, 37.7713,
17.7894

■ 65.4598, 59.6814,
71.5912

■ 20.4159, 37.6292,
16.6784

■ 73.0408, 63.4432,
78.5605

■ 74.3823, 63.9798,
85.6248

■ 75.7991, 64.5465,
93.0856

Harmonies

Analogous

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



35.1925, 43.4382, 28.5423



32.5826, 43.4382, 38.1196



32.1918, 43.4382, 52.4044

Triad

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



32.5826, 43.4382, 38.1196



43.0336, 43.4382, 81.5227



49.4489, 43.4382, 31.1871

Complementary

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



32.5826, 43.4382, 38.1196



34.4055, 27.5484, 35.4041

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.



51.9510, 43.4382, 42.5324



32.5826, 43.4382, 38.1196



48.0467, 43.4382, 72.8642

Square

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



32.5826, 43.4382, 38.1196



37.9438, 43.4382, 79.6458



51.4174, 43.4382, 57.8401



44.8204, 43.4382, 25.1618

Rectangle

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



32.5826, 43.4382, 38.1196



33.2051, 43.4382, 63.0783



51.4174, 43.4382, 57.8401



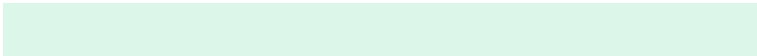
50.5835, 43.4382, 34.3950

Sweetspot

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



32.5838, 43.4400, 38.1206



77.7115, 87.8878, 90.3657



36.0153, 45.4892, 25.6216



16.7916, 19.1647, 19.5535



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



32.5838, 43.4400, 38.1206



54.5844, 76.5402, 63.3071



35.7560, 44.7089, 54.8250



9.5994, 10.7259, 11.1397



13.6143, 25.0360, 11.2977



0.5663, 0.9939, 0.6166

Inverse Universe

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



34.4055, 27.5484, 35.4041



58.3582, 43.6160, 57.6771



31.9649, 26.5722, 22.5523



9.7267, 9.6150, 10.9500



15.5768, 7.8619, 8.3311



0.6431, 0.3212, 0.5000

Previews

White Background



This preview shows how the XYZ color 32.5826, 43.4382, 38.1196 looks on a white background.

Color Contrast Check

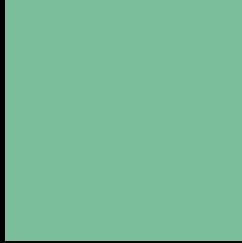
Large Text (above 18pt) WCAG AA × Fail

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 32.5826, 43.4382, 38.1196 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

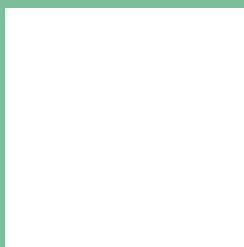
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5826, 43.4382, 38.1196

Background



This preview shows how black text looks on a background with the XYZ color 32.5826, 43.4382, 38.1196.

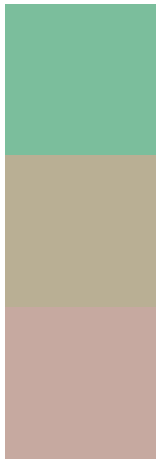


This preview shows how white text looks on a background with the XYZ color 32.5826, 43.4382,

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

32.5826, 43.4382, 38.1196

Protanopia

40.6829, 43.1124, 34.1943

Deuteranopia

43.8218, 42.9198, 39.2324



Tritanopia

36.9650, 43.3100, 60.4442

Trichromacy



Original Color

32.5826, 43.4382, 38.1196

Protanomaly

36.8075, 42.5583, 35.5528

Deuteranomaly

38.7747, 42.6054, 38.9809

Tritanomaly

35.1594, 43.2038, 51.2858

Monochromacy



Original Color

32.5826, 43.4382, 38.1196

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

34.4292, 39.7526, 40.0408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5826, 43.4382, 38.1196 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(123, 190, 156)` looks like.

```
.text, #text, p{  
    color:rgb(123, 190, 156)  
}
```

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(123, 190, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 190, 156) }
```

Border

The CSS property to change the border of an element to XYZ 32.5826, 43.4382, 38.1196 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(123, 190, 156) }
```


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

```
.border{ border-color:rgb(123, 190, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 190, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 190, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 190, 156);  
box-shadow:4px 4px 4px 4px rgb(123, 190,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5826, 43.4382, 38.1196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 190, 156) }
```

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

```
.background{ background-color: rgb(123,  
190, 156) }
```

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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