

Converting Colors

XYZ(32.3361, 40.5208, 35.9822)

Have a look what the booklet for
XYZ(32.3361, 40.5208, 35.9822)
contains.

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Color

**XYZ(32.3447, 40.5490,
35.8278)**

Conversions

Conversions Part 1

Format	Color
Hex	88B598
RGB	136, 181, 152
RGB Percent	53%, 71%, 60%
CMY	0.4667, 0.2902, 0.4039
CMYK	0.25, 0.00, 0.16, 0.29
HSL	141°, 23%, 62%
HSV	141°, 25%, 71%
XYZ	32.3447, 40.5490, 35.8278
YIQ	164.2390, -17.5110, -18.5590

Conversions

Conversions Part 2

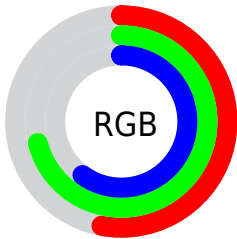
Format	Color
RYB	136, 169, 181
Decimal	8959384
CIELab	69.86, -21.00, 9.96
CIELCh	70, 23.242, 154.634
Yxy	40.5490, 0.2975, 0.3730
Android (android.graphics.Color)	4287149464 (0xFF88B598)
YUV	164.2390, -6.0338, -24.7656
Hunter-Lab	63.6781, -20.7692, 11.2158

Details

The XYZ color **32.3447, 40.5490, 35.8278** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.6531, 30.1496, 39.5920**, and the grayscale version is **35.4351, 37.2805, 40.5985**.

A 20% lighter version of the original color is **62.6600, 75.9718, 69.7540**, and **13.8144, 18.3092, 15.1179** is the 20% darker color. If you saturate the color by 10%, you get **28.7409, 38.7973, 30.9151**, and if you desaturate by 10%, it is **36.5412, 42.5976, 41.2605**.

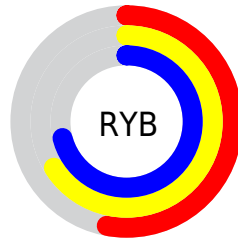
Distribution



Red (53%)

Green (71%)

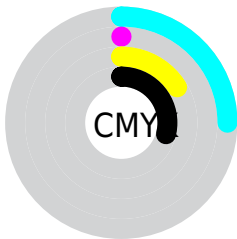
Blue (60%)



Red (53%)

Yellow (66%)

Blue (71%)

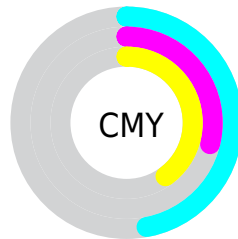


Cyan (25%)

Magenta (0%)

Yellow (16%)

Black (29%)



Cyan (47%)


Magenta (29%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3447, 40.5490, 35.8278 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 32.3447, 40.5490, 35.8278 by changing the saturation by 10% instead.


 32.3447, 40.5490,
35.8278


 32.3447, 40.5490,
35.8278


304.4040,
348.4321, 343.2219


 21.7817, 27.9669,
24.0126


 62.7126, 75.9988,
69.9322

 13.8123, 18.3007,
15.1307


 83.2483, 99.6352,
93.0586

 8.0711, 11.1661,
8.7635


 107.8390,
127.7252, 120.7923

 4.1926, 6.1786,
4.4925

136.8499,
160.6531, 153.5521

 1.8117, 2.9540,
1.8993

170.6465,
198.8034, 191.7564

 0.5247, 1.1078,
0.4923

209.5942,

 0.0000, 0.0000,

242.5604, 235.8238

0.0000

254.0582,
292.3085, 286.1727

■ 32.3447, 40.5490,
35.8278

■ 32.3447, 40.5490,
35.8278

■ 28.7409, 38.7973,
30.9151

■ 36.5412, 42.5976,
41.2605

■ 25.6988, 37.3235,
26.5044

■ 41.3527, 44.9510,
47.2252

■ 23.1896, 36.1142,
22.5803

■ 46.8047, 47.6231,
53.7369

■ 21.1805, 35.1529,
19.1258

■ 52.9199, 50.6254,
60.8093

■ 19.6349, 34.4210,
16.1229

■ 59.7202, 53.9689,
68.4554

■ 18.5107, 33.8972,
13.5523

■ 67.2262, 57.6640,
76.6879

■ 17.7575, 33.5559,
11.3930

■ 72.5665, 60.2301,
85.3838

■ 17.4602, 33.4235,
10.4347

■ 74.2951, 60.9215,
94.4864

■ 75.8147, 61.5293,
102.4882

Harmonies

Analogous

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



34.5594, 40.5490, 29.1554



32.3447, 40.5490, 35.8278



31.7467, 40.5490, 45.8524

Triad

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



32.3447, 40.5490, 35.8278



39.1302, 40.5490, 68.2917



44.8292, 40.5490, 33.3554

Complementary

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



32.3447, 40.5490, 35.8278



34.6531, 30.1496, 39.5920

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.



46.2406, 40.5490, 42.4922



32.3447, 40.5490, 35.8278



42.8164, 40.5490, 63.5674

Square

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



32.3447, 40.5490, 35.8278



35.5128, 40.5490, 65.7336



45.4812, 40.5490, 53.6726



41.7358, 40.5490, 27.8999

Rectangle

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



32.3447, 40.5490, 35.8278



32.3098, 40.5490, 53.3986



45.4812, 40.5490, 53.6726



45.5250, 40.5490, 36.0379

Sweetspot

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



32.3458, 40.5507, 35.8287



72.0175, 79.5035, 82.0829



36.5384, 42.8534, 29.6387



15.4536, 17.1288, 17.6036



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.3458, 40.5507, 35.8287



54.1610, 70.7885, 59.0916



34.3429, 41.3495, 46.3453



8.5096, 9.5384, 9.6774



12.0665, 23.0526, 7.3529



0.4081, 0.7367, 0.3810

Inverse Universe

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



34.6531, 30.1496, 39.5920



59.0241, 48.8560, 67.0159



32.8004, 29.4085, 29.8357



8.7192, 8.5944, 10.0197



15.3700, 7.6656, 12.3743



0.5101, 0.2518, 0.5291

Previews

White Background



This preview shows how the XYZ color 32.3447, 40.5490, 35.8278 looks on a white background.

Color Contrast Check

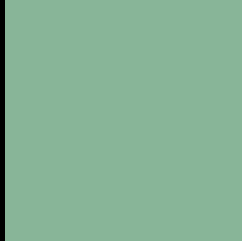
Large Text (above 18pt) WCAG AA × Fail

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 32.3447, 40.5490, 35.8278 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

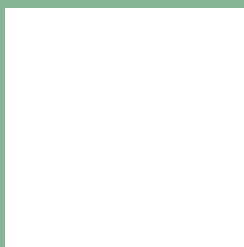
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3447, 40.5490, 35.8278

Background



This preview shows how black text looks on a background with the XYZ color 32.3447, 40.5490, 35.8278.



This preview shows how white text looks on a background with the XYZ color 32.3447, 40.5490,

35.8278.

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

32.3447, 40.5490, 35.8278

Protanopia

38.1534, 40.4085, 32.9828

Deuteranopia

41.0144, 40.1577, 37.0420



Tritanopia

36.1473, 40.6080, 54.6482

Trichromacy



Original Color

32.3447, 40.5490, 35.8278

Protanomaly

35.5856, 40.1968, 33.9002

Deuteranomaly

37.3044, 39.8867, 36.7431

Tritanomaly

34.5721, 40.5508, 47.0792

Monochromacy



Original Color

32.3447, 40.5490, 35.8278

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.0463, 38.1575, 38.8284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3447, 40.5490, 35.8278 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(136, 181, 152)` looks like.

```
.text, #text, p{  
    color:rgb(136, 181, 152)  
}
```

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(136, 181, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 181, 152) }
```

Border

The CSS property to change the border of an element to XYZ 32.3447, 40.5490, 35.8278 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(136, 181, 152) }
```


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

```
.border{ border-color:rgb(136, 181, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 181, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 181, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 181, 152);  
box-shadow:4px 4px 4px 4px rgb(136, 181,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3447, 40.5490, 35.8278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 181, 152) }
```

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

```
.background{ background-color: rgb(136,  
181, 152) }
```

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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