

Converting Colors

XYZ(35.4495, 43.4350, 53.1938)

Have a look what the booklet for
XYZ(35.4495, 43.4350, 53.1938)
contains.

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Color

**XYZ(35.3239, 43.2522,
52.9411)**

Conversions

Conversions Part 1

Format	Color
Hex	80BABA
RGB	128, 186, 186
RGB Percent	50%, 73%, 73%
CMY	0.4980, 0.2706, 0.2706
CMYK	0.31, 0.00, 0.00, 0.27
HSL	180°, 30%, 62%
HSV	180°, 31%, 73%
XYZ	35.3239, 43.2522, 52.9411
YIQ	168.6580, -34.5680, -12.2960

Conversions

Conversions Part 2

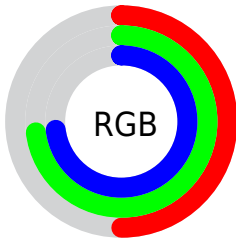
Format	Color
RYB	128, 157, 186
Decimal	8436410
CIELab	71.73, -18.64, -6.02
CIELCh	72, 19.591, 197.886
Yxy	43.2522, 0.2686, 0.3289
Android (android.graphics.Color)	4286626490 (0xFF80BABA)
YUV	168.6580, 8.5496, -35.6571
Hunter-Lab	65.7664, -19.2168, -1.6912

Details

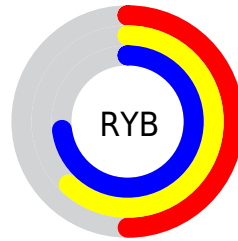
The XYZ color **35.3239, 43.2522, 52.9411** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.8666, 27.4372, 24.0400**, and the grayscale version is **37.5156, 39.4693, 42.9820**.

A 20% lighter version of the original color is **67.3076, 79.9823, 95.8951**, and **15.6017, 20.0050, 25.2294** is the 20% darker color. If you saturate the color by 10%, you get **32.7789, 41.9413, 52.8225**, and if you desaturate by 10%, it is **38.3843, 44.8310, 53.0857**.

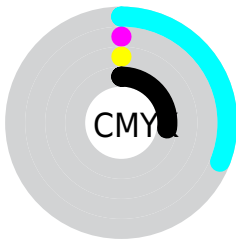
Distribution



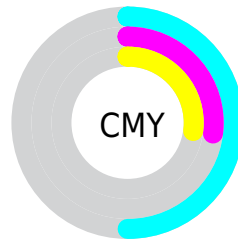
- Red (50%)
- Green (73%)
- Blue (73%)



- Red (50%)
- Yellow (62%)
- Blue (73%)



- Cyan (31%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)





- Cyan (50%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3239, 43.2522, 52.9411 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 35.3239, 43.2522, 52.9411 by changing the saturation by 10% instead.

 35.3239, 43.2522,
52.9411


 35.3239, 43.2522,
52.9411


317.4787,
359.6479, 415.1190


 24.0802, 30.0830,
37.3683


 67.3180, 80.0913,
95.9584

 15.5182, 19.9016,
25.1948


 88.7990, 104.5300,
124.2400

 9.2725, 12.3236,
16.0019


 114.4232,
133.4941, 157.5949

 4.9779, 6.9644,
9.3711

144.5559,
167.3679, 196.4418

 2.2689, 3.4399,
4.8839

179.5624,
206.5357, 241.1991

 0.7787, 1.3655,
2.1218

219.8082,

 0.0000, 0.1911,

251.3821, 292.2853

0.6287

265.6585,
302.2914, 350.1191

■ 0.0000, 0.0000,
0.0000

■ 35.3239, 43.2522,
52.9411

■ 35.3239, 43.2522,
52.9411

■ 32.7789, 41.9413,
52.8225

■ 38.3843, 44.8310,
53.0857

■ 30.7174, 40.8786,
52.7256

■ 41.9822, 46.6857,
53.2545

■ 29.1100, 40.0499,
52.6500

■ 46.1431, 48.8307,
53.4496

■ 27.9224, 39.4377,
52.5940

■ 50.8896, 51.2776,
53.6722

■ 27.1155, 39.0217,
52.5558

■ 56.2432, 54.0375,
53.9231

■ 26.6428, 38.7781,
52.5333

■ 62.2243, 57.1209,
54.2034

■ 26.4222, 38.6643,
52.5226

■ 67.6633, 59.9248,
54.4584

■ 67.6634, 59.9248,
54.4588

■ 67.6634, 59.9248,
54.4592

Harmonies

Analogous

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



35.1736, 43.2522, 43.3574



35.3239, 43.2522, 52.9411



36.9721, 43.2522, 62.0153

Triad

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



35.3239, 43.2522, 52.9411



46.0344, 43.2522, 60.4631



42.4655, 43.2522, 31.3723

Complementary

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



35.3239, 43.2522, 52.9411



31.8666, 27.4372, 24.0400

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.



45.5455, 43.2522, 34.7819



35.3239, 43.2522, 52.9411



47.6792, 43.2522, 51.0400

Square

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



35.3239, 43.2522, 52.9411



43.1037, 43.2522, 66.7445



47.4956, 43.2522, 41.6946



39.1785, 43.2522, 31.7375

Rectangle

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



35.3239, 43.2522, 52.9411



38.7511, 43.2522, 66.1636



47.4956, 43.2522, 41.6946



43.5626, 43.2522, 32.0938

Sweetspot

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



35.3252, 43.2539, 52.9421



77.5419, 85.3645, 96.5908



30.5047, 41.3426, 26.7951



16.8452, 18.6797, 21.2601



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



35.3252, 43.2539, 52.9421



60.9554, 76.8140, 95.8125



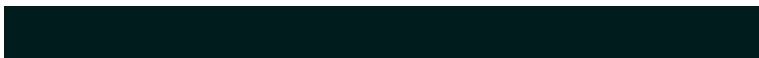
29.9874, 32.5781, 51.1641



9.2667, 10.2107, 11.5618



17.7753, 26.0111, 35.3341



0.6266, 0.9170, 1.2456

Inverse Universe

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



31.8666, 27.4372, 24.0400



53.7511, 43.8664, 35.6072



36.0416, 35.7872, 25.4309



9.0047, 9.0122, 9.3719



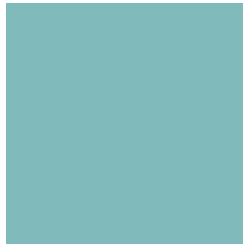
13.6234, 7.0231, 0.6377



0.4803, 0.2476, 0.0225

Previews

White Background



This preview shows how the XYZ color 35.3239, 43.2522, 52.9411 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 35.3239, 43.2522, 52.9411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

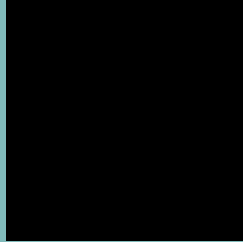
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3239, 43.2522, 52.9411

Background



This preview shows how black text looks on a background with the XYZ color 35.3239, 43.2522, 52.9411.



This preview shows how white text looks on a background with the XYZ color 35.3239, 43.2522,

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

35.3239, 43.2522, 52.9411

Protanopia

41.4042, 42.8739, 48.7411

Deuteranopia

43.8097, 42.8627, 54.1084



Tritanopia

36.8094, 43.2298, 60.4370

Trichromacy



Original Color

35.3239, 43.2522, 52.9411

Protanomaly

38.6620, 42.5891, 50.4388

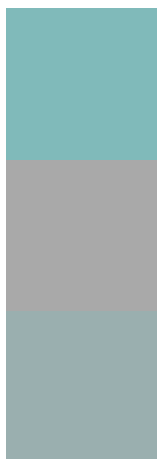
Deuteranomaly

40.1195, 42.6808, 53.7007

Tritanomaly

36.2925, 43.3388, 57.4913

Monochromacy



Original Color

35.3239, 43.2522, 52.9411

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.3943, 40.6251, 46.4807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3239, 43.2522, 52.9411 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(128, 186, 186)` looks like.

```
.text, #text, p{  
    color:rgb(128, 186, 186)  
}
```

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(128, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 186, 186) }
```

Border

The CSS property to change the border of an element to XYZ 35.3239, 43.2522, 52.9411 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(128, 186, 186) }
```


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

```
.border{ border-color:rgb(128, 186, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 186, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(128, 186,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3239, 43.2522, 52.9411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 186, 186) }
```

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

```
.background{ background-color: rgb(128,  
186, 186) }
```

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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