

Converting Colors

XYZ(35.2918, 44.3001, 43.5245)

Have a look what the booklet for
XYZ(35.2918, 44.3001, 43.5245)
contains.

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Color

**XYZ(35.4188, 44.4566,
43.7600)**

Conversions

Conversions Part 1

Format	Color
Hex	88BDA8
RGB	136, 189, 168
RGB Percent	53%, 74%, 66%
CMY	0.4667, 0.2588, 0.3412
CMYK	0.28, 0.00, 0.11, 0.26
HSL	156°, 29%, 64%
HSV	156°, 28%, 74%
XYZ	35.4188, 44.4566, 43.7600
YIQ	170.7590, -24.8470, -17.7670

Conversions

Conversions Part 2

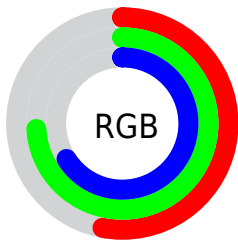
Format	Color
RYB	136, 169, 189
Decimal	8961448
CIELab	72.53, -21.80, 5.05
CIELCh	73, 22.377, 166.962
Yxy	44.4566, 0.2865, 0.3596
Android (android.graphics.Color)	4287151528 (0xFF88BDA8)
YUV	170.7590, -1.3602, -30.4836
Hunter-Lab	66.6758, -21.8617, 7.7604

Details

The XYZ color **35.4188, 44.4566, 43.7600** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.8777, 30.8625, 35.9662**, and the grayscale version is **38.6043, 40.6147, 44.2294**.

A 20% lighter version of the original color is **67.2069, 81.5797, 82.0163**, and **15.4725, 20.4737, 19.6593** is the 20% darker color. If you saturate the color by 10%, you get **31.9382, 42.7418, 40.0597**, and if you desaturate by 10%, it is **39.4834, 46.4702, 47.6993**.

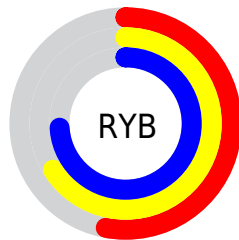
Distribution



Red (53%)

Green (74%)

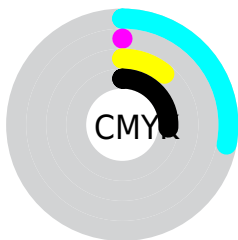
Blue (66%)



Red (53%)

Yellow (66%)

Blue (74%)

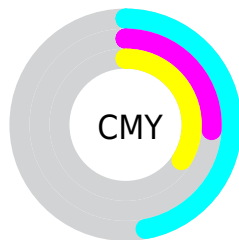


Cyan (28%)

Magenta (0%)

Yellow (11%)

Black (26%)



Cyan (47%)

Magenta (26%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4188, 44.4566, 43.7600 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 35.4188, 44.4566, 43.7600 by changing the saturation by 10% instead.


 35.4188, 44.4566,
43.7600


 35.4188, 44.4566,
43.7600


317.8888,
364.5683, 377.7407


 24.1537, 31.0296,
30.1461


 67.4638, 81.9044,
82.1551

 15.5730, 20.6214,
19.6965


 88.9744, 106.6940,
107.7733

 9.3114, 12.8476,
11.9927

 114.6309,
136.0399, 138.2301

 5.0036, 7.3237,
6.6162

144.7986,
170.3265, 173.9439

 2.2842, 3.6653,
3.1485

179.8429,
209.9383, 215.3334

 0.7865, 1.4882,
1.1710

220.1291,

 0.0000, 0.2804,

255.2596, 262.8169

0.0000

266.0226,
306.6748, 316.8132

■ 0.0000, 0.0000,
0.0000

■ 35.4188, 44.4566,
43.7600

■ 35.4188, 44.4566,
43.7600

■ 31.9382, 42.7418,
40.0597

■ 39.4834, 46.4702,
47.6993

■ 29.0088, 41.3054,
36.5906

■ 44.1552, 48.7909,
51.8793

■ 26.6000, 40.1329,
33.3487

■ 49.4607, 51.4335,
56.3055

■ 24.6768, 39.2063,
30.3284

■ 55.4238, 54.4103,
60.9823

■ 23.1995, 38.5053,
27.5243

■ 62.0670, 57.7327,
65.9140

■ 22.1219, 38.0060,
24.9303

■ 69.4118, 61.4118,
71.1046

■ 21.3725, 37.6718,
22.5389

■ 72.4133, 62.8468,
76.3211

■ 21.2420, 37.6143,
22.0932

■ 73.4304, 63.2536,
81.6769

■ 74.4925, 63.6785,
87.2699

Harmonies

Analogous

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



37.0512, 44.4566, 35.2817



35.4188, 44.4566, 43.7600



35.5360, 44.4566, 54.8856

Triad

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



35.4188, 44.4566, 43.7600



44.4605, 44.4566, 71.7568



47.5336, 44.4566, 34.4536

Complementary

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



35.4188, 44.4566, 43.7600



35.8777, 30.8625, 35.9662

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.



49.7709, 44.4566, 42.4570



35.4188, 44.4566, 43.7600



47.9238, 44.4566, 64.4370

Square

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



35.4188, 44.4566, 43.7600



40.5998, 44.4566, 72.2483



49.9179, 44.4566, 53.3690



43.9539, 44.4566, 30.4870

Rectangle

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



35.4188, 44.4566, 43.7600



36.5891, 44.4566, 62.3675



49.9179, 44.4566, 53.3690



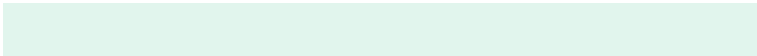
48.4768, 44.4566, 36.7005

Sweetspot

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



35.4200, 44.4584, 43.7610



79.0025, 87.3429, 92.8462



36.5866, 45.3630, 30.1207



16.7024, 18.6401, 19.7172



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.



35.4200, 44.4584, 43.7610



59.2654, 77.5644, 74.0155



36.4183, 43.0666, 54.5396



9.6441, 10.7438, 11.3753



14.3301, 25.3223, 15.0670



0.5927, 1.0045, 0.7555

Inverse Universe

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



35.8777, 30.8625, 35.9662



60.2302, 48.9850, 57.6434



35.0007, 31.7358, 27.5740



9.6825, 9.5973, 10.7173



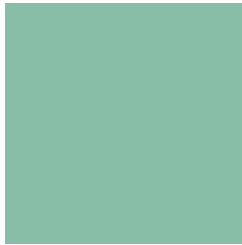
15.0076, 7.6342, 5.3337



0.6202, 0.3120, 0.3794

Previews

White Background



This preview shows how the XYZ color 35.4188, 44.4566, 43.7600 looks on a white background.

Color Contrast Check

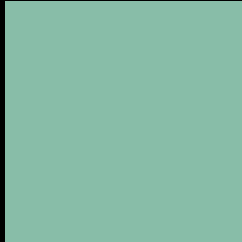
Large Text (above 18pt) WCAG AA × Fail

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 35.4188, 44.4566, 43.7600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

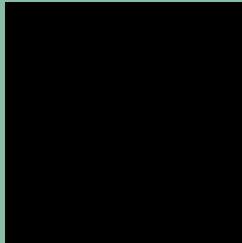
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4188, 44.4566, 43.7600

Background



This preview shows how black text looks on a background with the XYZ color 35.4188, 44.4566, 43.7600.



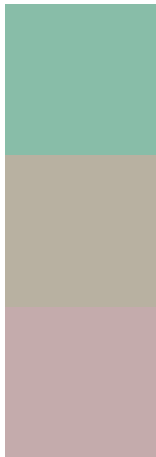
This preview shows how white text looks on a background with the XYZ color 35.4188, 44.4566,

43.7600.

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

35.4188, 44.4566, 43.7600

Protanopia

41.9223, 44.2078, 40.0416

Deuteranopia

44.7743, 43.8401, 45.1319



Tritanopia

38.6046, 44.1553, 60.5210

Trichromacy



Original Color

35.4188, 44.4566, 43.7600

Protanomaly

39.1611, 43.9436, 41.5399

Deuteranomaly

40.7266, 43.7797, 44.8319

Tritanomaly

37.4512, 44.3241, 54.1585

Monochromacy



Original Color

35.4188, 44.4566, 43.7600

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.2766, 42.0122, 44.1747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4188, 44.4566, 43.7600 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, 189, 168)` looks like.

```
.text, #text, p{  
    color:rgb(136, 189, 168)  
}
```

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, 189, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 189, 168) }
```

Border

The CSS property to change the border of an element to XYZ 35.4188, 44.4566, 43.7600 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, 189, 168) }
```


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

```
.border{ border-color:rgb(136, 189, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 189, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 189, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 189, 168);  
box-shadow:4px 4px 4px 4px rgb(136, 189,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4188, 44.4566, 43.7600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 189, 168) }
```

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

```
.background{ background-color: rgb(136,  
189, 168) }
```

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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