

Converting Colors

XYZ(36.3798, 44.1525, 42.6726)

Have a look what the booklet for
XYZ(36.3798, 44.1525, 42.6726)
contains.

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Color

**XYZ(36.2959, 43.9820,
42.6528)**

Conversions

Conversions Part 1

Format	Color
Hex	92BAA6
RGB	146, 186, 166
RGB Percent	57%, 73%, 65%
CMY	0.4274, 0.2706, 0.3490
CMYK	0.22, 0.00, 0.11, 0.27
HSL	150°, 22%, 65%
HSV	150°, 22%, 73%
XYZ	36.2959, 43.9820, 42.6528
YIQ	171.7600, -17.4200, -14.7000

Conversions

Conversions Part 2

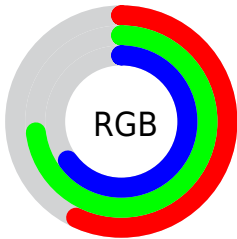
Format	Color
RYB	146, 173, 186
Decimal	9616038
CIELab	72.22, -17.49, 5.76
CIELCh	72, 18.415, 161.777
Yxy	43.9820, 0.2953, 0.3578
Android (android.graphics.Color)	4287806118 (0xFF92BAA6)
YUV	171.7600, -2.8397, -22.5915
Hunter-Lab	66.3189, -18.3663, 8.2911

Details

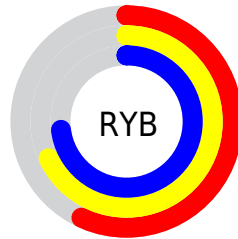
The XYZ color **36.2959, 43.9820, 42.6528** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.4131, 33.7511, 40.6210**, and the grayscale version is **39.1126, 41.1494, 44.8117**.

A 20% lighter version of the original color is **68.6227, 81.0041, 80.4252**, and **16.1441, 20.4229, 19.0107** is the 20% darker color. If you saturate the color by 10%, you get **32.4323, 42.0865, 38.1786**, and if you desaturate by 10%, it is **40.7617, 46.1832, 47.4791**.

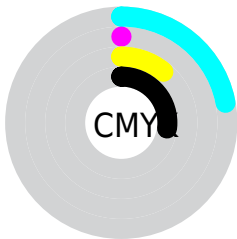
Distribution



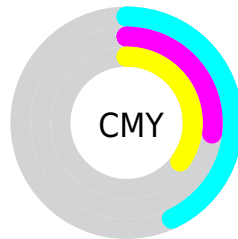
- Red (57%)
- Green (73%)
- Blue (65%)



- Red (57%)
- Yellow (68%)
- Blue (73%)



- Cyan (22%)
- Magenta (0%)
- Yellow (11%)
- Black (27%)



- Cyan (43%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2959, 43.9820, 42.6528 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 36.2959, 43.9820, 42.6528 by changing the saturation by 10% instead.

■ 36.2959, 43.9820,
42.6528

■ 36.2959, 43.9820,
42.6528

321.6607,
362.6348, 373.0611

■ 24.8340, 30.6564,
29.2834

■ 68.8094, 81.1907,
80.4674

■ 16.0815, 20.3373,
19.0479

■ 90.5917, 105.8425,
105.7497

■ 9.6730, 12.6405,
11.5277

116.5449,
135.0384, 135.8400

■ 5.2433, 7.1814,
6.3044

147.0342,
169.1630, 171.1569

■ 2.4269, 3.5758,
2.9593

182.4252,
208.6005, 212.1189

■ 0.8586, 1.4392,
1.0739

223.0830,

■ 0.0000, 0.2454,

253.7354, 259.1446

0.0000

269.3730,
304.9520, 312.6525

■ 0.0000, 0.0000,
0.0000

■ 36.2959, 43.9820,
42.6528

■ 36.2959, 43.9820,
42.6528

■ 32.4323, 42.0865,
38.1786

■ 40.7617, 46.1832,
47.4791

■ 29.1398, 40.4772,
34.0457

■ 45.8514, 48.6976,
52.6625

■ 26.3903, 39.1411,
30.2465

■ 51.5903, 51.5392,
58.2112

■ 24.1516, 38.0615,
26.7724

■ 58.0009, 54.7196,
64.1327

■ 22.3877, 37.2203,
23.6142

■ 65.1050, 58.2498,
70.4340

■ 21.0579, 36.5965,
20.7621

■ 71.9586, 61.6430,
77.0766

■ 20.1139, 36.1654,
18.2058

■ 73.2386, 62.1550,
83.8174

■ 19.5354, 35.9097,
16.2568

■ 74.5885, 62.6950,
90.9259

■ 76.0093, 63.2633,
98.4077

Harmonies

Analogous

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



37.8863, 43.9820, 36.0532



36.2959, 43.9820, 42.6528



36.1353, 43.9820, 51.5276

Triad

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



36.2959, 43.9820, 42.6528



43.0555, 43.9820, 67.0151



46.4985, 43.9820, 37.2099

Complementary

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



36.2959, 43.9820, 42.6528



37.4131, 33.7511, 40.6210

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.



48.0356, 43.9820, 44.4257



36.2959, 43.9820, 42.6528



45.9820, 43.9820, 62.0671

Square

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



36.2959, 43.9820, 42.6528



39.9329, 43.9820, 66.3837



47.8420, 43.9820, 53.5369



43.7318, 43.9820, 33.1942

Rectangle

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



36.2959, 43.9820, 42.6528



36.8500, 43.9820, 57.6455



47.8420, 43.9820, 53.5369



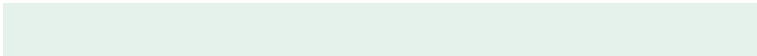
47.1822, 43.9820, 39.3004

Sweetspot

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



36.2971, 43.9838, 42.6538



78.7240, 86.0977, 91.0530



38.6147, 45.3744, 33.9176



17.2032, 18.8944, 19.9159



90.7827, 95.5105, 104.0109



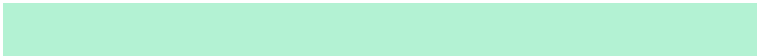
18.6292, 19.5994, 21.3438

Same Dimension

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



36.2971, 43.9838, 42.6538



62.2056, 77.9594, 73.2366



38.2067, 44.7477, 52.7093



9.0726, 10.1330, 10.5395



13.1800, 24.1730, 11.1358



0.4959, 0.8647, 0.5571

Inverse Universe

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



37.4131, 33.7511, 40.6210



64.6048, 55.9591, 68.8661



35.7702, 33.0940, 31.9699



9.1868, 9.0851, 10.3313



14.9906, 7.5700, 7.8374



0.5597, 0.2794, 0.4408

Previews

White Background



This preview shows how the XYZ color 36.2959, 43.9820, 42.6528 looks on a white background.

Color Contrast Check

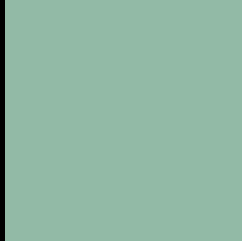
Large Text (above 18pt) WCAG AA × Fail

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 36.2959, 43.9820, 42.6528 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

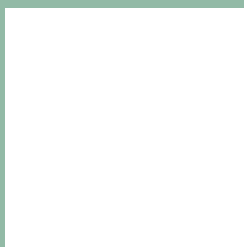
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.2959, 43.9820, 42.6528

Background



This preview shows how black text looks on a background with the XYZ color 36.2959, 43.9820, 42.6528.



This preview shows how white text looks on a background with the XYZ color 36.2959, 43.9820,

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

36.2959, 43.9820, 42.6528

Protanopia

41.4868, 43.6912, 39.9649

Deuteranopia

44.4893, 43.7262, 43.6313



Tritanopia

39.6406, 44.1168, 58.6507

Trichromacy



Original Color

36.2959, 43.9820, 42.6528

Protanomaly

39.5097, 43.8329, 41.0285

Deuteranomaly

40.9533, 43.3428, 43.2533

Tritanomaly

38.2681, 43.8538, 52.3466

Monochromacy



Original Color

36.2959, 43.9820, 42.6528

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.0821, 42.1331, 44.1556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2959, 43.9820, 42.6528 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(146, 186, 166) looks like.

```
.text, #text, p{  
    color:rgb(146, 186, 166)  
}
```

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(146, 186, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 186, 166) }
```

Border

The CSS property to change the border of an element to XYZ 36.2959, 43.9820, 42.6528 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(146, 186, 166) }
```


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

```
.border{ border-color:rgb(146, 186, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 186, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 186, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 186, 166); box-shadow:4px 4px 4px 4px rgb(146, 186, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2959, 43.9820, 42.6528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 186, 166) }
```

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

```
.background{ background-color: rgb(146,  
186, 166) }
```

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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