

Converting Colors

XYZ(34.9443, 39.8480, 50.5864)

Have a look what the booklet for
XYZ(34.9443, 39.8480, 50.5864)
contains.

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Color

**XYZ(34.8617, 39.7416,
50.6332)**

Conversions

Conversions Part 1

Format	Color
Hex	8DAFB7
RGB	141, 175, 183
RGB Percent	55%, 69%, 72%
CMY	0.4471, 0.3137, 0.2823
CMYK	0.23, 0.04, 0.00, 0.28
HSL	191°, 23%, 64%
HSV	191°, 23%, 72%
XYZ	34.8617, 39.7416, 50.6332
YIQ	165.7460, -22.8320, -4.7200

Conversions

Conversions Part 2

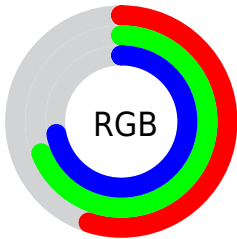
Format	Color
RYB	141, 160, 183
Decimal	9285559
CIELab	69.29, -9.70, -7.91
CIELCh	69, 12.512, 219.185
Yxy	39.7416, 0.2784, 0.3173
Android (android.graphics.Color)	4287475639 (0xFF8DAFB7)
YUV	165.7460, 8.5062, -21.7022
Hunter-Lab	63.0409, -11.6110, -3.4919

Details

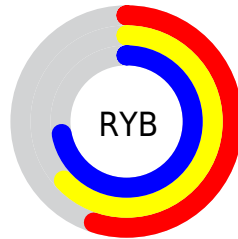
The XYZ color **34.8617, 39.7416, 50.6332** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.0839, 33.4852, 29.8142**, and the grayscale version is **36.0920, 37.9716, 41.3511**.

A 20% lighter version of the original color is **66.6616, 74.9859, 92.6216**, and **15.3287, 17.9513, 23.7761** is the 20% darker color. If you saturate the color by 10%, you get **31.3343, 36.9302, 50.2771**, and if you desaturate by 10%, it is **38.9231, 42.8563, 51.0210**.

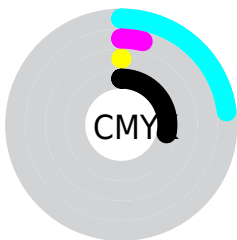
Distribution



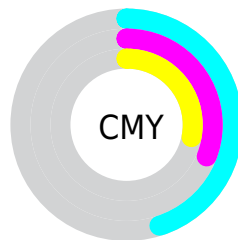
- Red (55%)
- Green (69%)
- Blue (72%)



- Red (55%)
- Yellow (63%)
- Blue (72%)



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (28%)



- Cyan (45%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8617, 39.7416, 50.6332 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 34.8617, 39.7416, 50.6332 by changing the saturation by 10% instead.

■ 34.8617, 39.7416,
50.6332

■ 34.8617, 39.7416,
50.6332

315.4762,
345.0333, 405.9428

■ 23.7224, 27.3371,
35.5421

■ 66.6069, 74.7699,
92.5183

■ 15.2514, 17.8266,
23.7939

■ 87.9435, 98.1625,
120.1493

■ 9.0835, 10.8256,
14.9700

■ 113.4099,
125.9866, 152.7975

■ 4.8532, 5.9497,
8.6519

143.3714,
158.6265, 190.8812

■ 2.1953, 2.8145,
4.4212

178.1934,
196.4668, 234.8190

■ 0.7402, 1.0357,
1.8591

218.2414,

■ 0.0000, 0.0000,

239.8917, 285.0295

0.4665

263.8805,
289.2858, 341.9313

■ 0.0000, 0.0000,
0.0000

■ 34.8617, 39.7416,
50.6332

■ 34.8617, 39.7416,
50.6332

■ 31.3343, 36.9302,
50.2771

■ 38.9231, 42.8563,
51.0210

■ 28.3120, 34.4040,
49.9488

■ 43.5387, 46.2818,
51.4389

■ 25.7685, 32.1503,
49.6478

■ 48.7318, 50.0313,
51.8889

■ 23.6737, 30.1532,
49.3728

■ 54.5232, 54.1160,
52.3721

■ 21.9937, 28.3952,
49.1220

■ 60.9330, 58.5461,
52.8894

■ 20.6899, 26.8562,
48.8937

■ 67.9799, 63.3316,
53.4416

■ 19.7160, 25.5120,
48.6855

■ 70.3021, 65.7085,
53.7780

■ 19.1615, 24.6472,
48.5478

■ 71.1152, 67.3347,
54.0491

■ 71.9468, 68.9979,
54.3263

Harmonies

Analogous

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



34.0921, 39.7416, 45.0591



34.8617, 39.7416, 50.6332



36.4191, 39.7416, 54.4403

Triad

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



34.8617, 39.7416, 50.6332



41.4945, 39.7416, 47.3171



37.1609, 39.7416, 33.2574

Complementary

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



34.8617, 39.7416, 50.6332



35.0839, 33.4852, 29.8142

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.



39.1605, 39.7416, 33.7459



34.8617, 39.7416, 50.6332



41.7102, 39.7416, 41.5325

Square

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



34.8617, 39.7416, 50.6332



40.2630, 39.7416, 52.4112



40.8424, 39.7416, 36.6610



35.3882, 39.7416, 35.2619

Rectangle

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



34.8617, 39.7416, 50.6332



37.7183, 39.7416, 55.2836



40.8424, 39.7416, 36.6610



37.8281, 39.7416, 33.1397

Sweetspot

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



34.8629, 39.7432, 50.6341



74.4095, 80.2641, 91.8064



33.3196, 41.6907, 34.6001



16.3254, 17.6468, 20.2673



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.8629, 39.7432, 50.6341



58.8396, 68.3365, 90.3248



31.1376, 32.2927, 49.3924



9.1174, 9.9121, 11.5121



13.4147, 17.2890, 33.8832



0.5108, 0.6854, 1.2071

Inverse Universe

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



36.7921, 32.2130, 44.8379



63.0138, 52.4704, 77.6878



38.6554, 40.6282, 31.0047



9.3056, 9.1326, 10.9568



17.3848, 8.5277, 20.4449



0.6320, 0.3083, 0.8216

Previews

White Background



This preview shows how the XYZ color 34.8617, 39.7416, 50.6332 looks on a white background.

Color Contrast Check

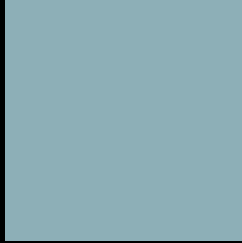
Large Text (above 18pt) WCAG AA × Fail

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 34.8617, 39.7416, 50.6332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

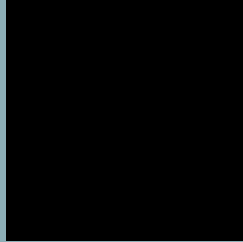
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.8617, 39.7416, 50.6332

Background



This preview shows how black text looks on a background with the XYZ color 34.8617, 39.7416, 50.6332.



This preview shows how white text looks on a background with the XYZ color 34.8617, 39.7416,

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

34.8617, 39.7416, 50.6332

Protanopia

38.5015, 39.6950, 48.2805

Deuteranopia

40.3925, 39.5187, 51.3979



Tritanopia

35.3685, 39.6537, 53.3668

Trichromacy



Original Color

34.8617, 39.7416, 50.6332

Protanomaly

37.0992, 39.7920, 48.9053

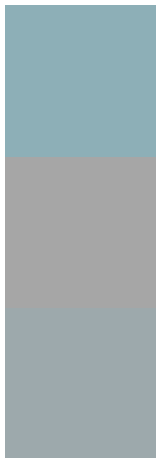
Deuteranomaly

38.1714, 39.4653, 50.9531

Tritanomaly

35.1543, 39.5681, 52.2389

Monochromacy



Original Color

34.8617, 39.7416, 50.6332

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.5390, 38.5226, 44.5922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8617, 39.7416, 50.6332 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(141, 175, 183)` looks like.

```
.text, #text, p{  
    color:rgb(141, 175, 183)  
}
```

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(141, 175, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 175, 183) }
```

Border

The CSS property to change the border of an element to XYZ 34.8617, 39.7416, 50.6332 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(141, 175, 183) }
```


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

```
.border{ border-color:rgb(141, 175, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 175, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 175, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 175, 183);  
box-shadow:4px 4px 4px 4px rgb(141, 175,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8617, 39.7416, 50.6332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 175, 183) }
```

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

```
.background{ background-color: rgb(141,  
175, 183) }
```

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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