

Converting Colors

XYZ(34.4498, 40.6533, 53.0449)

Have a look what the booklet for
XYZ(34.4498, 40.6533, 53.0449)
contains.

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Color

**XYZ(34.4498, 40.6533,
53.0449)**

Conversions

Conversions Part 1

Format	Color
Hex	83B3BB
RGB	131, 179, 187
RGB Percent	51%, 70%, 73%
CMY	0.4863, 0.2980, 0.2667
CMYK	0.30, 0.04, 0.00, 0.27
HSL	189°, 29%, 62%
HSV	189°, 30%, 73%
XYZ	34.4498, 40.6533, 53.0449
YIQ	165.5600, -31.1760, -7.6880

Conversions

Conversions Part 2

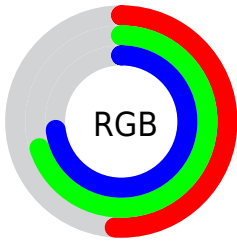
Format	Color
RYB	131, 157, 187
Decimal	8631227
CIELab	69.93, -13.90, -9.21
CIElCh	70, 16.678, 213.526
Yxy	40.6533, 0.2688, 0.3172
Android (android.graphics.Color)	4286821307 (0xFF83B3BB)
YUV	165.5600, 10.5699, -30.3091
Hunter-Lab	63.7599, -15.1355, -4.6942

Details

The XYZ color **34.4498, 40.6533, 53.0449** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.8234, 30.6691, 25.6107**, and the grayscale version is **35.9957, 37.8702, 41.2407**.

A 20% lighter version of the original color is **65.8936, 76.2020, 96.0295**, and **14.9884, 18.3052, 25.2975** is the 20% darker color. If you saturate the color by 10%, you get **31.2810, 38.2337, 52.7456**, and if you desaturate by 10%, it is **38.1541, 43.3663, 53.3740**.

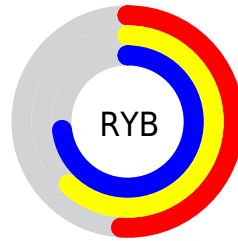
Distribution



Red (51%)

Green (70%)

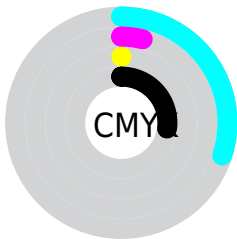
Blue (73%)



Red (51%)

Yellow (62%)

Blue (73%)

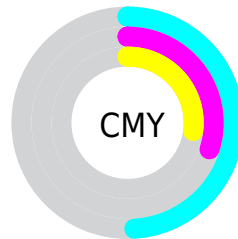


Cyan (30%)

Magenta (4%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (30%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4498, 40.6533, 53.0449 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 34.4498, 40.6533, 53.0449 by changing the saturation by 10% instead.

■ 34.4498, 40.6533,
53.0449

■ 34.4498, 40.6533,
53.0449

313.6838,
348.8695, 415.5285

■ 23.4039, 28.0483,
37.4506

■ 65.9722, 76.1573,
96.1127

■ 15.0143, 18.3621,
25.2581

■ 87.1794, 99.8251,
124.4232

■ 8.9158, 11.2102,
16.0487

■ 112.5044,
127.9493, 157.8097

■ 4.7430, 6.2084,
9.4039

142.3125,
160.9142, 196.6905

■ 2.1305, 2.9722,
4.9051

176.9692,
199.1043, 241.4842

■ 0.7057, 1.1173,
2.1339

216.8397,

■ 0.0000, 0.0000,

242.9039, 292.6095

0.6359

262.2895,
292.6975, 350.4847

■ 0.0000, 0.0000,
0.0000

■ 34.4498, 40.6533,
53.0449

■ 34.4498, 40.6533,
53.0449

■ 31.2810, 38.2337,
52.7456

■ 38.1541, 43.3663,
53.3740

■ 28.6160, 36.0881,
52.4719

■ 42.4164, 46.3815,
53.7314

■ 26.4250, 34.2022,
52.2233

■ 47.2622, 49.7130,
54.1190

■ 24.6738, 32.5580,
51.9983

■ 52.7144, 53.3729,
54.5381

■ 23.3234, 31.1356,
51.7949

■ 58.7947, 57.3722,
54.9895

■ 22.3278, 29.9110,
51.6110

■ 65.5236, 61.7217,
55.4744

■ 21.5952, 28.8369,
51.4423

■ 70.3352, 65.0987,
55.8726

■ 21.5914, 28.8312,
51.4414

■ 70.9498, 66.3280,
56.0775

■ 71.5753, 67.5791,
56.2860

Harmonies

Analogous

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



33.6607, 40.6533, 45.1904



34.4498, 40.6533, 53.0449



36.3593, 40.6533, 59.0392

Triad

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



34.4498, 40.6533, 53.0449



43.5029, 40.6533, 51.2684



38.3196, 40.6533, 30.9579

Complementary

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



34.4498, 40.6533, 53.0449



33.8234, 30.6691, 25.6107

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.



41.0136, 40.6533, 32.1866



34.4498, 40.6533, 53.0449



44.0871, 40.6533, 43.3514

Square

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



34.4498, 40.6533, 53.0449



41.5949, 40.6533, 57.9321



43.1563, 40.6533, 36.5108



35.8280, 40.6533, 32.9358

Rectangle

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



34.4498, 40.6533, 53.0449



38.0542, 40.6533, 60.8411



43.1563, 40.6533, 36.5108



39.2312, 40.6533, 31.0107

Sweetspot

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



34.4510, 40.6549, 53.0458



76.6218, 83.5241, 96.2848



31.7526, 42.2153, 30.6980



16.6105, 18.2102, 21.1820



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.



34.4510, 40.6549, 53.0458



57.8294, 69.8775, 94.6412



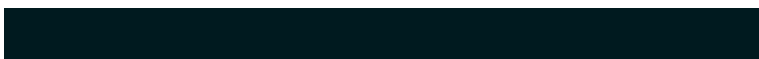
29.4832, 30.7194, 51.3899



9.6893, 10.5709, 12.2019



14.9168, 19.9453, 35.4565



0.6166, 0.8458, 1.3996

Inverse Universe

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



36.7475, 30.0531, 46.5136



62.6859, 48.0791, 80.6878



38.3123, 39.6468, 27.1070



9.8698, 9.6722, 11.7032



18.5301, 9.0432, 23.8828



0.7421, 0.3607, 1.0213

Previews

White Background



This preview shows how the XYZ color 34.4498, 40.6533, 53.0449 looks on a white background.

Color Contrast Check

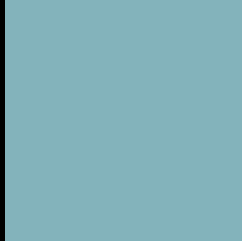
Large Text (above 18pt) WCAG AA × Fail

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 34.4498, 40.6533, 53.0449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

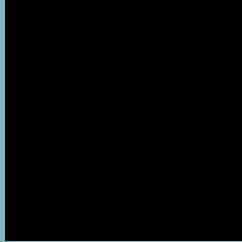
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4498, 40.6533, 53.0449

Background



This preview shows how black text looks on a background with the XYZ color 34.4498, 40.6533, 53.0449.



This preview shows how white text looks on a background with the XYZ color 34.4498, 40.6533,

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

34.4498, 40.6533, 53.0449

Protanopia

39.1060, 40.2582, 49.4256

Deuteranopia

41.2906, 40.4551, 54.3476



Tritanopia

34.9505, 40.5521, 55.8544

Trichromacy



Original Color

34.4498, 40.6533, 53.0449

Protanomaly

37.2011, 40.3740, 50.6320

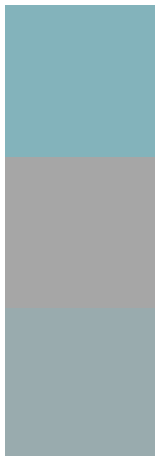
Deuteranomaly

38.4462, 40.3770, 53.9113

Tritanomaly

34.7304, 40.4640, 54.6951

Monochromacy



Original Color

34.4498, 40.6533, 53.0449

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.3398, 38.9541, 45.7007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4498, 40.6533, 53.0449 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(131, 179, 187)` looks like.

```
.text, #text, p{  
    color:rgb(131, 179, 187)  
}
```

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(131, 179, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 179, 187) }
```

Border

The CSS property to change the border of an element to XYZ 34.4498, 40.6533, 53.0449 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(131, 179, 187) }
```


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

```
.border{ border-color:rgb(131, 179, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 179, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 179, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 179, 187);  
box-shadow:4px 4px 4px 4px rgb(131, 179,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4498, 40.6533, 53.0449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 179, 187) }
```

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

```
.background{ background-color: rgb(131,  
179, 187) }
```

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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