

Converting Colors

XYZ(34.2433, 40.7817, 53.5332)

Have a look what the booklet for
XYZ(34.2433, 40.7817, 53.5332)
contains.

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Color

**XYZ(34.3004, 40.8626,
53.6564)**

Conversions

Conversions Part 1

Format	Color
Hex	80B4BC
RGB	128, 180, 188
RGB Percent	50%, 71%, 74%
CMY	0.4980, 0.2941, 0.2627
CMYK	0.32, 0.04, 0.00, 0.26
HSL	188°, 31%, 62%
HSV	188°, 32%, 74%
XYZ	34.3004, 40.8626, 53.6564
YIQ	165.3640, -33.5600, -8.5360

Conversions

Conversions Part 2

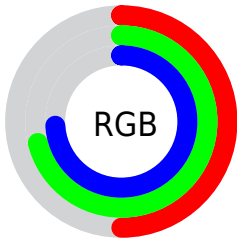
Format	Color
RYB	128, 156, 188
Decimal	8434876
CIELab	70.08, -15.05, -9.56
CIELCh	70, 17.833, 212.418
Yxy	40.8626, 0.2663, 0.3172
Android (android.graphics.Color)	4286624956 (0xFF80B4BC)
YUV	165.3640, 11.1595, -32.7682
Hunter-Lab	63.9239, -16.0869, -5.0201

Details

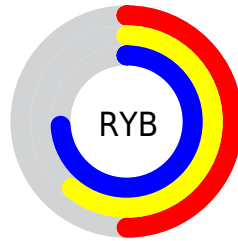
The XYZ color **34.3004, 40.8626, 53.6564** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.4399, 29.8583, 24.4235**, and the grayscale version is **35.8995, 37.7691, 41.1305**.

A 20% lighter version of the original color is **65.8530, 76.5898, 96.9004**, and **14.9430, 18.4645, 25.6981** is the 20% darker color. If you saturate the color by 10%, you get **31.2294, 38.5362, 53.3699**, and if you desaturate by 10%, it is **37.9069, 43.4807, 53.9723**.

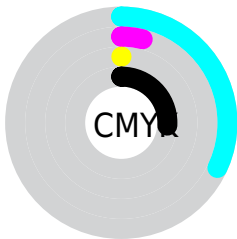
Distribution



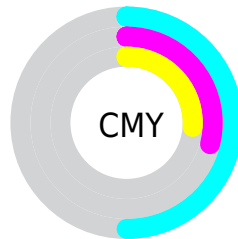
- Red (50%)
- Green (71%)
- Blue (74%)



- Red (50%)
- Yellow (61%)
- Blue (74%)



- Cyan (32%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)



- Cyan (50%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3004, 40.8626, 53.6564 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 34.3004, 40.8626, 53.6564 by changing the saturation by 10% instead.

■ 34.3004, 40.8626,
53.6564

■ 34.3004, 40.8626,
53.6564

313.0318,
349.7460, 417.9359

■ 23.2885, 28.2117,
37.9357

■ 65.7417, 76.4753,
97.0209

■ 14.9285, 18.4853,
25.6314

■ 86.9018, 100.2059,
125.5017

■ 8.8552, 11.2990,
16.3248

■ 112.1754,
128.3985, 159.0731

■ 4.7032, 6.2683,
9.5974

141.9277,
161.4376, 198.1535

■ 2.1072, 3.0089,
5.0308

176.5241,
199.7075, 243.1614

■ 0.6931, 1.1364,
2.2063

216.3301,

■ 0.0000, 0.0088,

243.5926, 294.5154

0.6780

261.7109,
293.4773, 352.6341

■ 0.0000, 0.0000,
0.0000

■ 34.3004, 40.8626,
53.6564

■ 34.3004, 40.8626,
53.6564

■ 31.2294, 38.5362,
53.3699

■ 37.9069, 43.4807,
53.9723

■ 28.6612, 36.4815,
53.1087

■ 42.0721, 46.3994,
54.3162

■ 26.5653, 34.6836,
52.8721

■ 46.8221, 49.6334,
54.6900

■ 24.9060, 33.1243,
52.6586

■ 52.1805, 53.1947,
55.0950

■ 23.6426, 31.7824,
52.4662

■ 58.1692, 57.0949,
55.5322

■ 22.7269, 30.6328,
52.2925

■ 64.8095, 61.3449,
56.0026

■ 22.1641, 29.8045,
52.1623

■ 70.4076, 65.0715,
56.4268

■ 70.9834, 66.2232,
56.6188

■ 71.5688, 67.3940,
56.8139

Harmonies

Analogous

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



33.5078, 40.8626, 45.1725



34.3004, 40.8626, 53.6564



36.3029, 40.8626, 60.2761

Triad

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



34.3004, 40.8626, 53.6564



44.0169, 40.8626, 52.3394



38.6029, 40.8626, 30.3148

Complementary

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



34.3004, 40.8626, 53.6564



33.4399, 29.8583, 24.4235

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.



41.4898, 40.8626, 31.7369



34.3004, 40.8626, 53.6564



44.7069, 40.8626, 43.8192

Square

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



34.3004, 40.8626, 53.6564



41.9189, 40.8626, 59.4514



43.7606, 40.8626, 36.4362



35.9131, 40.8626, 32.2801

Rectangle

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



34.3004, 40.8626, 53.6564



38.1044, 40.8626, 62.3597



43.7606, 40.8626, 36.4362



39.5823, 40.8626, 30.4125

Sweetspot

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



34.3016, 40.8642, 53.6573



77.6775, 85.0749, 98.5533



31.2592, 42.3056, 29.4407



16.4568, 18.1247, 21.1736



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.



34.3016, 40.8642, 53.6573



58.3273, 71.1730, 96.8898



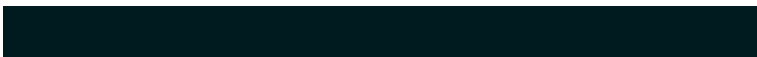
29.0465, 30.3540, 51.9056



9.6972, 10.5867, 12.2045



15.1295, 20.3708, 35.5274



0.6231, 0.8589, 1.4018

Inverse Universe

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



36.6974, 29.4258, 46.9275



63.4008, 47.6093, 82.4904



38.0912, 39.1609, 25.9740



9.8738, 9.6738, 11.7242



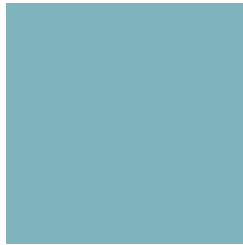
18.6375, 9.0861, 24.4482



0.7454, 0.3621, 1.0387

Previews

White Background



This preview shows how the XYZ color 34.3004, 40.8626, 53.6564 looks on a white background.

Color Contrast Check

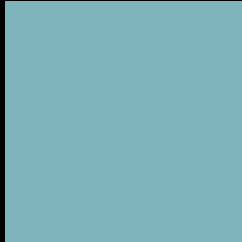
Large Text (above 18pt) WCAG AA × Fail

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 34.3004, 40.8626, 53.6564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

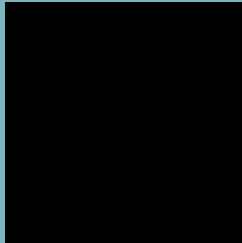
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.3004, 40.8626, 53.6564

Background



This preview shows how black text looks on a background with the XYZ color 34.3004, 40.8626, 53.6564.



This preview shows how white text looks on a background with the XYZ color 34.3004, 40.8626,

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

34.3004, 40.8626, 53.6564

Protanopia

39.6128, 40.7848, 50.0404

Deuteranopia

41.4003, 40.4990, 54.9253



Tritanopia

34.9110, 40.8024, 57.0746

Trichromacy



Original Color

34.3004, 40.8626, 53.6564

Protanomaly

37.3053, 40.7014, 51.2373

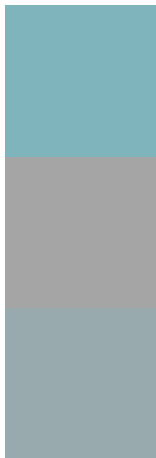
Deuteranomaly

38.3544, 40.3171, 54.4757

Tritanomaly

34.6878, 40.7131, 55.8993

Monochromacy



Original Color

34.3004, 40.8626, 53.6564

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.8664, 38.4420, 45.1175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3004, 40.8626, 53.6564 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, 180, 188)` looks like.

```
.text, #text, p{  
    color:rgb(128, 180, 188)  
}
```

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, 180, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 180, 188) }
```

Border

The CSS property to change the border of an element to XYZ 34.3004, 40.8626, 53.6564 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, 180, 188) }
```


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

```
.border{ border-color:rgb(128, 180, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 180, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 180, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 180, 188);  
box-shadow:4px 4px 4px 4px rgb(128, 180,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3004, 40.8626, 53.6564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 180, 188) }
```

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

```
.background{ background-color: rgb(128,  
180, 188) }
```

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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