

Converting Colors

XYZ(34.3244, 39.8576, 53.8577)

Have a look what the booklet for
XYZ(34.3244, 39.8576, 53.8577)
contains.

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Color

**XYZ(34.4232, 40.0239,
54.0552)**

Conversions

Conversions Part 1

Format	Color
Hex	84B1BD
RGB	132, 177, 189
RGB Percent	52%, 69%, 74%
CMY	0.4823, 0.3059, 0.2588
CMYK	0.30, 0.06, 0.00, 0.26
HSL	193°, 30%, 63%
HSV	193°, 30%, 74%
XYZ	34.4232, 40.0239, 54.0552
YIQ	164.9130, -30.6720, -5.8080

Conversions

Conversions Part 2

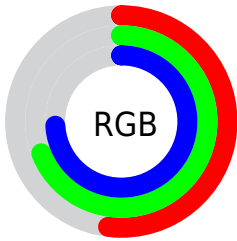
Format	Color
RYB	132, 157, 189
Decimal	8696253
CIELab	69.49, -12.07, -10.97
CIElCh	69, 16.315, 222.266
Yxy	40.0239, 0.2679, 0.3115
Android (android.graphics.Color)	4286886333 (0xFF84B1BD)
YUV	164.9130, 11.8749, -28.8647
Hunter-Lab	63.2644, -13.5881, -6.3742

Details

The XYZ color **34.4232, 40.0239, 54.0552** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.1250, 32.4318, 26.2396**, and the grayscale version is **35.6789, 37.5370, 40.8777**.

A 20% lighter version of the original color is **65.8700, 75.3095, 97.4507**, and **14.9599, 17.8984, 25.9588** is the 20% darker color. If you saturate the color by 10%, you get **30.9571, 37.0884, 53.6719**, and if you desaturate by 10%, it is **38.4501, 43.2845, 54.4730**.

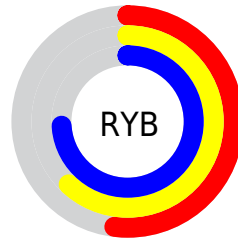
Distribution



Red (52%)

Green (69%)

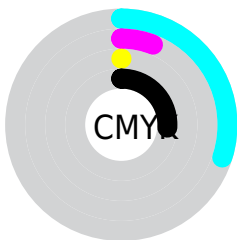
Blue (74%)



Red (52%)

Yellow (62%)

Blue (74%)

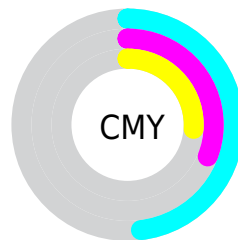


Cyan (30%)

Magenta (6%)

Yellow (0%)

Black (26%)



Cyan (48%)

Magenta (31%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4232, 40.0239, 54.0552 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 34.4232, 40.0239, 54.0552 by changing the saturation by 10% instead.

■ 34.4232, 40.0239,
54.0552

■ 34.4232, 40.0239,
54.0552

313.5678,
346.2243, 419.5010

■ 23.3833, 27.5572,
38.2523

■ 65.9312, 75.1999,
97.6125

■ 14.9991, 17.9921,
25.8752

■ 87.1300, 98.6780,
126.2040

■ 8.9050, 10.9443,
16.5054

■ 112.4458,
126.5953, 159.8955

■ 4.7359, 6.0294,
9.7243

142.2440,
159.3362, 199.1054

■ 2.1263, 2.8630,
5.1133

176.8900,
197.2852, 244.2524

■ 0.7035, 1.0606,
2.2540

216.7490,

■ 0.0000, 0.0000,

240.8266, 295.7550

0.7053

262.1865,
290.3449, 354.0317

■ 0.0000, 0.0000,
0.0000

■ 34.4232, 40.0239,
54.0552

■ 34.4232, 40.0239,
54.0552

■ 30.9571, 37.0884,
53.6719

■ 38.4501, 43.2845,
54.4730

■ 28.0189, 34.4578,
53.3190

■ 43.0611, 46.8795,
54.9239

■ 25.5782, 32.1170,
52.9959

■ 48.2826, 50.8238,
55.4100

■ 23.5994, 30.0476,
52.7007

■ 54.1381, 55.1299,
55.9325

■ 22.0423, 28.2284,
52.4317

■ 60.6501, 59.8095,
56.4926

■ 20.8592, 26.6346,
52.1864

■ 67.8399, 64.8738,
57.0911

■ 19.9672, 25.2377,
51.9638

■ 72.2214, 68.5262,
57.5652

■ 73.1844, 70.4521,
57.8862

■ 74.1717, 72.4267,
58.2153

Harmonies

Analogous

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



33.3143, 40.0239, 46.7266



34.4232, 40.0239, 54.0552



36.5230, 40.0239, 58.8678

Triad

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



34.4232, 40.0239, 54.0552



43.0604, 40.0239, 48.1377



36.9781, 40.0239, 30.9122

Complementary

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



34.4232, 40.0239, 54.0552



35.1250, 32.4318, 26.2396

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.



39.6016, 40.0239, 31.1973



34.4232, 40.0239, 54.0552



43.1961, 40.0239, 40.5765

Square

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



34.4232, 40.0239, 54.0552



41.5423, 40.0239, 55.1902



41.9049, 40.0239, 34.5525



34.7431, 40.0239, 33.7229

Rectangle

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



34.4232, 40.0239, 54.0552



38.2416, 40.0239, 59.6982



41.9049, 40.0239, 34.5525



37.8421, 40.0239, 30.6591

Sweetspot

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



34.4244, 40.0255, 54.0561



78.0188, 84.6473, 98.4527



32.7025, 43.2969, 32.7804



16.5009, 17.9910, 21.1455



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.



34.4244, 40.0255, 54.0561



57.5558, 68.2439, 96.3651



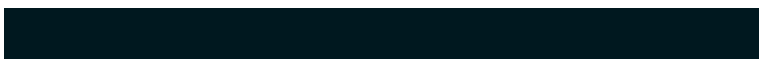
29.4653, 30.1073, 52.4031



9.6335, 10.4593, 12.1833



13.4911, 17.0938, 34.9813



0.5720, 0.7567, 1.3848

Inverse Universe

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



37.1744, 30.4968, 45.5238



63.3497, 48.8843, 78.2277



39.8855, 41.9527, 27.8264



9.8416, 9.6609, 11.5549



17.8104, 8.7553, 20.0931



0.7196, 0.3517, 0.9028

Previews

White Background



This preview shows how the XYZ color 34.4232, 40.0239, 54.0552 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 34.4232, 40.0239, 54.0552 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 34.4232, 40.0239, 54.0552

Background



This preview shows how black text looks on a background with the XYZ color 34.4232, 40.0239, 54.0552.



This preview shows how white text looks on a background with the XYZ color 34.4232, 40.0239,

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

34.4232, 40.0239, 54.0552

Protanopia

38.6983, 39.7490, 50.4324

Deuteranopia

40.6488, 39.8300, 55.4147



Tritanopia

34.6418, 40.1114, 55.2067

Trichromacy



Original Color

34.4232, 40.0239, 54.0552

Protanomaly

36.8374, 39.5972, 51.6004

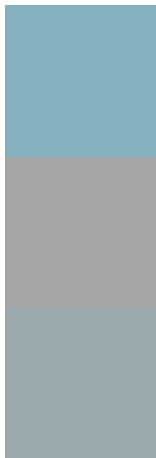
Deuteranomaly

37.8900, 39.5085, 54.9191

Tritanomaly

34.5321, 40.0675, 54.6290

Monochromacy



Original Color

34.4232, 40.0239, 54.0552

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.9648, 38.2042, 45.5757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4232, 40.0239, 54.0552 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(132, 177, 189)` looks like.

```
.text, #text, p{  
    color:rgb(132, 177, 189)  
}
```

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(132, 177, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 177, 189) }
```

Border

The CSS property to change the border of an element to XYZ 34.4232, 40.0239, 54.0552 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(132, 177, 189) }
```


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

```
.border{ border-color:rgb(132, 177, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 177, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 177, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 177, 189);  
box-shadow:4px 4px 4px 4px rgb(132, 177,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4232, 40.0239, 54.0552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 177, 189) }
```

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

```
.background{ background-color: rgb(132,  
177, 189) }
```

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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