

Converting Colors

XYZ(34.1926, 40.0566, 47.3227)

Have a look what the booklet for
XYZ(34.1926, 40.0566, 47.3227)
contains.

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Color

**XYZ(34.3054, 40.1076,
47.5284)**

Conversions

Conversions Part 1

Format	Color
Hex	8BB1B1
RGB	139, 177, 177
RGB Percent	55%, 69%, 69%
CMY	0.4549, 0.3059, 0.3059
CMYK	0.21, 0.00, 0.00, 0.31
HSL	180°, 20%, 62%
HSV	180°, 21%, 69%
XYZ	34.3054, 40.1076, 47.5284
YIQ	165.6380, -22.6480, -8.0560

Conversions

Conversions Part 2

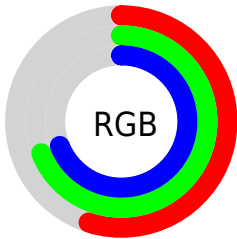
Format	Color
RYB	139, 158, 177
Decimal	9154993
CIELab	69.55, -12.74, -4.22
CIELCh	70, 13.419, 198.336
Yxy	40.1076, 0.2813, 0.3289
Android (android.graphics.Color)	4287345073 (0xFF8BB1B1)
YUV	165.6380, 5.6015, -23.3615
Hunter-Lab	63.3306, -14.1372, -0.1646

Details

The XYZ color **34.3054, 40.1076, 47.5284** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.0257, 29.6775, 28.4681**, and the grayscale version is **36.0534, 37.9310, 41.3069**.

A 20% lighter version of the original color is **65.8392, 75.4985, 88.1934**, and **14.8702, 17.9452, 21.7488** is the 20% darker color. If you saturate the color by 10%, you get **31.5862, 38.7068, 47.4014**, and if you desaturate by 10%, it is **37.5055, 41.7583, 47.6796**.

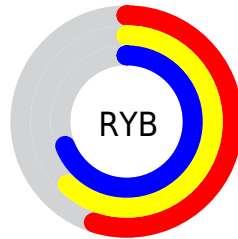
Distribution



Red (55%)

Green (69%)

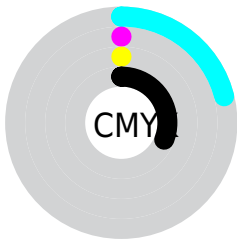
Blue (69%)



Red (55%)

Yellow (62%)

Blue (69%)

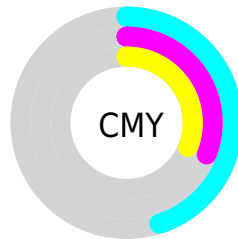


Cyan (21%)

Magenta (0%)

Yellow (0%)

Black (31%)



Cyan (45%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3054, 40.1076, 47.5284 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 34.3054, 40.1076, 47.5284 by changing the saturation by 10% instead.

■ 34.3054, 40.1076,
47.5284

■ 34.3054, 40.1076,
47.5284

313.0537,
346.5769, 393.3744

■ 23.2923, 27.6224,
33.0962

■ 65.7495, 75.3273,
87.8600

■ 14.9314, 18.0412,
21.9285

■ 86.9111, 98.8307,
114.5966

■ 8.8572, 10.9796,
13.6065

■ 112.1864,
126.7756, 146.2717

■ 4.7045, 6.0531,
7.7119

141.9406,
159.5464, 183.3039

■ 2.1079, 2.8774,
3.8260

176.5390,
197.5276, 226.1118

■ 0.6935, 1.0681,
1.5304

216.3471,

■ 0.0000, 0.0000,

241.1034, 275.1137

0.2404

261.7302,
290.6584, 330.7285

■ 0.0000, 0.0000,
0.0000

■ 34.3054, 40.1076,
47.5284

■ 34.3054, 40.1076,
47.5284

■ 31.5862, 38.7068,
47.4014

■ 37.5055, 41.7583,
47.6796

■ 29.3213, 37.5393,
47.2948

■ 41.2044, 43.6652,
47.8533

■ 27.4871, 36.5937,
47.2083

■ 45.4235, 45.8402,
48.0514

■ 26.0562, 35.8561,
47.1408

■ 50.1816, 48.2931,
48.2747

■ 24.9984, 35.3108,
47.0907

■ 55.4970, 51.0333,
48.5240

■ 24.2789, 34.9399,
47.0564

■ 61.3869, 54.0696,
48.8003

■ 23.8566, 34.7222,
47.0360

■ 64.8996, 55.8804,
48.9653

■ 23.6579, 34.6198,
47.0262

■ 64.8997, 55.8805,
48.9659

■ 64.8999, 55.8805,
48.9665

Harmonies

Analogous

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



34.1887, 40.1076, 41.3047



34.3054, 40.1076, 47.5284



35.4208, 40.1076, 53.1937

Triad

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



34.3054, 40.1076, 47.5284



41.3155, 40.1076, 52.0827



38.9687, 40.1076, 33.0064

Complementary

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



34.3054, 40.1076, 47.5284



32.0257, 29.6775, 28.4681

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.



40.9552, 40.1076, 35.3575



34.3054, 40.1076, 47.5284



42.3440, 40.1076, 46.1247

Square

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



34.3054, 40.1076, 47.5284



39.4454, 40.1076, 55.9897



42.2097, 40.1076, 40.0270



36.8267, 40.1076, 33.3052

Rectangle

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



34.3054, 40.1076, 47.5284



36.6052, 40.1076, 55.7108



42.2097, 40.1076, 40.0270



39.6782, 40.1076, 33.5032

Sweetspot

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



34.3066, 40.1092, 47.5293



70.6097, 76.5586, 85.5504



31.1370, 38.8537, 30.2852



15.2119, 16.5449, 18.5359



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



34.3066, 40.1092, 47.5293



58.9109, 70.5277, 85.0007



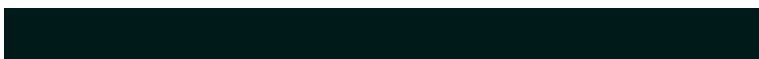
30.9196, 33.3349, 46.4015



8.7427, 9.6316, 10.9045



17.1402, 25.0820, 34.0706



0.5393, 0.7892, 1.0720

Inverse Universe

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



32.0257, 29.6775, 28.4681



54.0558, 48.3221, 44.4260



34.9122, 35.4508, 29.4294



8.4964, 8.5053, 8.8465



13.1369, 6.7723, 0.6151



0.4134, 0.2131, 0.0194

Previews

White Background



This preview shows how the XYZ color 34.3054, 40.1076, 47.5284 looks on a white background.

Color Contrast Check

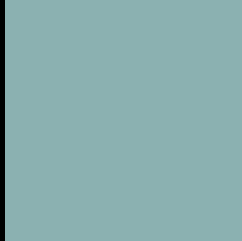
Large Text (above 18pt) WCAG AA × Fail

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 34.3054, 40.1076, 47.5284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

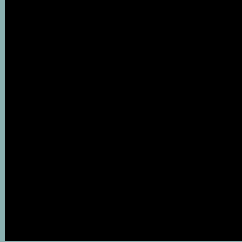
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.3054, 40.1076, 47.5284

Background



This preview shows how black text looks on a background with the XYZ color 34.3054, 40.1076, 47.5284.

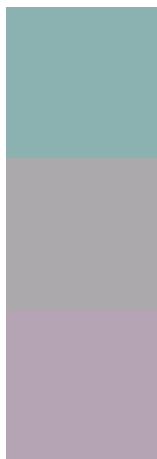


This preview shows how white text looks on a background with the XYZ color 34.3054, 40.1076,

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

34.3054, 40.1076, 47.5284

Protanopia

38.6476, 40.1251, 44.7377

Deuteranopia

40.5697, 39.6700, 48.6988



Tritanopia

35.4998, 39.9968, 53.9932

Trichromacy



Original Color

34.3054, 40.1076, 47.5284

Protanomaly

36.8897, 40.0346, 45.8276

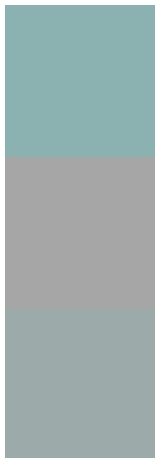
Deuteranomaly

38.0505, 39.7376, 48.3125

Tritanomaly

35.0975, 40.1289, 51.7948

Monochromacy



Original Color

34.3054, 40.1076, 47.5284

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.3407, 38.7197, 43.6412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3054, 40.1076, 47.5284 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(139, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(139, 177, 177)  
}
```

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(139, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 177, 177) }
```

Border

The CSS property to change the border of an element to XYZ 34.3054, 40.1076, 47.5284 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(139, 177, 177) }
```


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

```
.border{ border-color:rgb(139, 177, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 177, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(139, 177,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3054, 40.1076, 47.5284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 177, 177) }
```

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

```
.background{ background-color: rgb(139,  
177, 177) }
```

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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