

Converting Colors

XYZ(40.1753, 44.6184, 54.0895)

Have a look what the booklet for
XYZ(40.1753, 44.6184, 54.0895)
contains.

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Color

**XYZ(40.1031, 44.4577,
54.0445)**

Conversions

Conversions Part 1

Format	Color
Hex	9FB6BC
RGB	159, 182, 188
RGB Percent	62%, 71%, 74%
CMY	0.3765, 0.2863, 0.2627
CMYK	0.15, 0.03, 0.00, 0.26
HSL	192°, 18%, 68%
HSV	192°, 15%, 74%
XYZ	40.1031, 44.4577, 54.0445
YIQ	175.8070, -15.6340, -3.0100

Conversions

Conversions Part 2

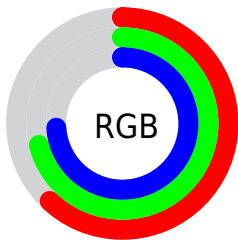
Format	Color
R_{YB}	159, 172, 188
Decimal	10467004
CIE _{Lab}	72.53, -6.59, -5.71
CIE _{LCh}	73, 8.722, 220.891
Yxy	44.4577, 0.2893, 0.3208
Android (android.graphics.Color)	4288657084 (0xFF9FB6BC)
YUV	175.8070, 6.0111, -14.7397
Hunter-Lab	66.6766, -9.3240, -1.3837

Details

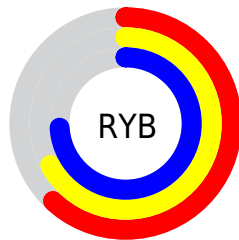
The XYZ color **40.1031, 44.4577, 54.0445** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.4524, 40.1046, 38.4105**, and the grayscale version is **41.1429, 43.2855, 47.1379**.

A 20% lighter version of the original color is **74.6352, 81.9769, 97.4774**, and **18.2868, 20.5756, 25.9293** is the 20% darker color. If you saturate the color by 10%, you get **35.8699, 41.1109, 53.6223**, and if you desaturate by 10%, it is **44.9280, 48.1447, 54.5026**.

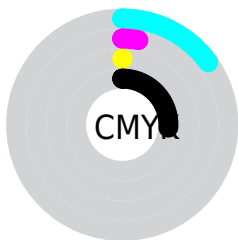
Distribution



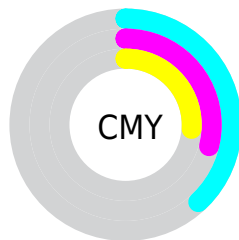
- Red (62%)
- Green (71%)
- Blue (74%)



- Red (62%)
- Yellow (67%)
- Blue (74%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)



- Cyan (38%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.1031, 44.4577, 54.0445 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 40.1031, 44.4577, 54.0445 by changing the saturation by 10% instead.

■ 40.1031, 44.4577,
54.0445

■ 40.1031, 44.4577,
54.0445

337.6849,
364.5728, 419.4591

■ 27.8035, 31.0305,
38.2438

■ 74.6038, 81.9060,
97.5966

■ 18.3173, 20.6221,
25.8687

■ 97.5357, 106.6959,
126.1852

■ 11.2791, 12.8480,
16.5005

124.7423,
136.0422, 159.8734

■ 6.3236, 7.3240,
9.7209

156.5891,
170.3292, 199.0799

■ 3.0853, 3.6655,
5.1111

193.4414,
209.9414, 244.2232

■ 1.1990, 1.4883,
2.2527

235.6646,

■ 0.1056, 0.2805,

255.2631, 295.7218

0.7045

283.6239,
306.6788, 353.9942

■ 0.0000, 0.0000,
0.0000

■ 40.1031, 44.4577,
54.0445

■ 40.1031, 44.4577,
54.0445

■ 35.8699, 41.1109,
53.6223

■ 44.9280, 48.1447,
54.5026

■ 32.1989, 38.0853,
53.2318

■ 50.3649, 52.1792,
54.9947

■ 29.0637, 35.3682,
52.8726

■ 56.4377, 56.5747,
55.5231

■ 26.4342, 32.9438,
52.5432

■ 63.1680, 61.3429,
56.0887

■ 24.2773, 30.7947,
52.2421

■ 70.5763, 66.4944,
56.6926

■ 22.5556, 28.9016,
51.9674

■ 72.2279, 68.7123,
57.0337

■ 21.2261, 27.2418,
51.7171

■ 73.1716, 70.5996,
57.3482

■ 20.2355, 25.7877,
51.4887

■ 74.1385, 72.5334,
57.6705

■ 19.8440, 25.1645,
51.3890

■ 75.1289, 74.5142,
58.0006

Harmonies

Analogous

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



39.4740, 44.4577, 49.9917



40.1031, 44.4577, 54.0445



41.3143, 44.4577, 56.6783

Triad

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



40.1031, 44.4577, 54.0445



45.0529, 44.4577, 51.1743



41.7106, 44.4577, 40.7073

Complementary

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



40.1031, 44.4577, 54.0445



40.4524, 40.1046, 38.4105

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.



43.2113, 44.4577, 40.9821



40.1031, 44.4577, 54.0445



45.1652, 44.4577, 46.8559

Square

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



40.1031, 44.4577, 54.0445



44.1809, 44.4577, 54.9544



44.4840, 44.4577, 43.1756



40.3873, 44.4577, 42.4013

Rectangle

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



40.1031, 44.4577, 54.0445



42.3008, 44.4577, 57.1866



44.4840, 44.4577, 43.1756



42.2107, 44.4577, 40.5751

Sweetspot

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



40.1044, 44.4595, 54.0455



81.7439, 87.4944, 98.8059



39.0553, 46.0475, 42.3323



17.4382, 18.7096, 21.2348



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.



40.1044, 44.4595, 54.0455



69.5758, 78.1458, 97.6428



37.3232, 38.8971, 53.1184



9.6365, 10.4653, 12.1843



13.5651, 17.2419, 35.0060



0.5743, 0.7614, 1.3855

Inverse Universe

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



41.5817, 38.8659, 49.5684



72.8680, 65.9051, 87.6150



43.1781, 45.5559, 39.3190



9.8431, 9.6616, 11.5629



17.8478, 8.7703, 20.2900



0.7208, 0.3522, 0.9090

Previews

White Background



This preview shows how the XYZ color 40.1031, 44.4577, 54.0445 looks on a white background.

Color Contrast Check

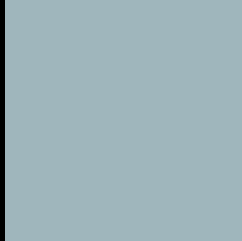
Large Text (above 18pt) WCAG AA × Fail

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 40.1031, 44.4577, 54.0445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

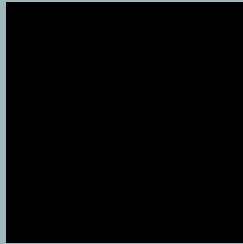
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.1031, 44.4577, 54.0445

Background



This preview shows how black text looks on a background with the XYZ color 40.1031, 44.4577, 54.0445.



This preview shows how white text looks on a background with the XYZ color 40.1031, 44.4577,

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

40.1031, 44.4577, 54.0445

Protanopia

43.0695, 44.5308, 52.2242

Deuteranopia

45.0331, 44.0416, 54.8426



Tritanopia

40.8714, 44.4615, 58.0575

Trichromacy



Original Color

40.1031, 44.4577, 54.0445

Protanomaly

41.9963, 44.5560, 52.8411

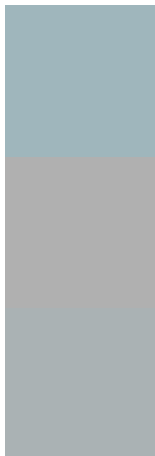
Deuteranomaly

43.0707, 44.1898, 54.4035

Tritanomaly

40.5355, 44.3271, 56.2887

Monochromacy



Original Color

40.1031, 44.4577, 54.0445

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.7362, 43.6821, 49.4645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1031, 44.4577, 54.0445 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(159, 182, 188)` looks like.

```
.text, #text, p{  
    color:rgb(159, 182, 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(159, 182, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 182, 188) }
```

Border

The CSS property to change the border of an element to XYZ 40.1031, 44.4577, 54.0445 is called "border". The border property can be set on classes, ids or directly on the HTML element.

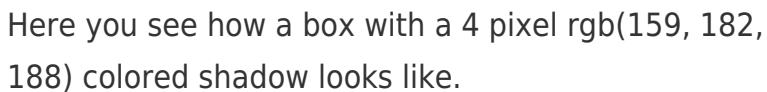
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 182, 188) }
```


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

```
.border{ border-color:rgb(159, 182, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 182, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 182, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 182, 188); box-shadow:4px 4px 4px 4px rgb(159, 182, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1031, 44.4577, 54.0445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 182, 188) }
```

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

```
.background{ background-color: rgb(159,  
182, 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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