

Converting Colors

XYZ(40.9341, 46.1196, 54.3215)

Have a look what the booklet for
XYZ(40.9341, 46.1196, 54.3215)
contains.

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Color

**XYZ(40.9341, 46.1196,
54.3215)**

Conversions

Conversions Part 1

Format	Color
Hex	9FBABC
RGB	159, 186, 188
RGB Percent	62%, 73%, 74%
CMY	0.3765, 0.2706, 0.2627
CMYK	0.15, 0.01, 0.00, 0.26
HSL	184°, 18%, 68%
HSV	184°, 15%, 74%
XYZ	40.9341, 46.1196, 54.3215
YIQ	178.1550, -16.7340, -5.1020

Conversions

Conversions Part 2

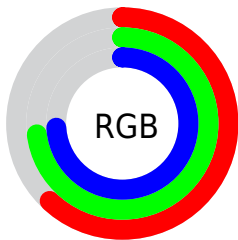
Format	Color
R_{YB}	159, 173, 188
Decimal	10468028
CIE Lab	73.62, -8.72, -4.10
CIE LCh	74, 9.634, 205.193
Yxy	46.1196, 0.2895, 0.3262
Android (android.graphics.Color)	4288658108 (0xFF9FBABC)
YUV	178.1550, 4.8536, -16.7989
Hunter-Lab	67.9114, -11.2528, 0.1127

Details

The XYZ color **40.9341, 46.1196, 54.3215** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.7423, 38.6843, 38.1739**, and the grayscale version is **42.3815, 44.5886, 48.5570**.

A 20% lighter version of the original color is **75.8128, 84.3321, 97.8699**, and **18.8241, 21.6501, 26.1084** is the 20% darker color. If you saturate the color by 10%, you get **37.2147, 43.8002, 54.0706**, and if you desaturate by 10%, it is **45.2257, 48.7401, 54.6018**.

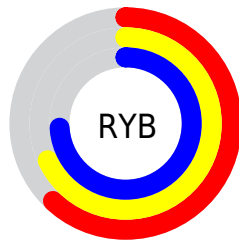
Distribution



Red (62%)

Green (73%)

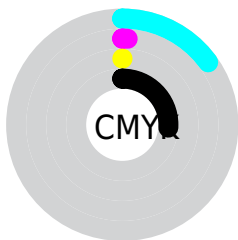
Blue (74%)



Red (62%)

Yellow (68%)

Blue (74%)

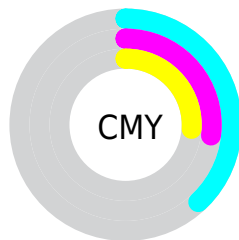


Cyan (15%)

Magenta (1%)

Yellow (0%)

Black (26%)



Cyan (38%)

Magenta (27%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9341, 46.1196, 54.3215 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 40.9341, 46.1196, 54.3215 by changing the saturation by 10% instead.

■ 40.9341, 46.1196,
54.3215

■ 40.9341, 46.1196,
54.3215

341.1124,
371.2893, 420.5440

■ 28.4550, 32.3402,
38.4638

■ 75.8592, 84.3980,
98.0073

■ 18.8112, 21.6215,
26.0383

■ 99.0359, 109.6657,
126.6725

■ 11.6371, 13.5790,
16.6262

126.5093,
139.5317, 160.4440

■ 6.5675, 7.8285,
9.8092

158.6445,
174.3804, 199.7402

■ 3.2370, 3.9854,
5.1687

195.8072,
214.5961, 244.9798

■ 1.2803, 1.6654,
2.2861

238.3624,

■ 0.1684, 0.4011,

260.5632, 296.5813

0.7234

286.6757,
312.6661, 354.9632

■ 0.0000, 0.0000,
0.0000

■ 40.9341, 46.1196,
54.3215

■ 40.9341, 46.1196,
54.3215

■ 37.2147, 43.8002,
54.0706

■ 45.2257, 48.7401,
54.6018

■ 34.0379, 41.7630,
53.8448

■ 50.1095, 51.6682,
54.9096

■ 31.3776, 39.9958,
53.6439

■ 55.6092, 54.9176,
55.2470

■ 29.2039, 38.4830,
53.4665

■ 61.7463, 58.4993,
55.6148

■ 27.4838, 37.2077,
53.3110

■ 68.5410, 62.4237,
56.0142

■ 26.1802, 36.1507,
53.1757

■ 69.5586, 63.3736,
56.1439

■ 25.2502, 35.2899,
53.0585

■ 69.8476, 63.9516,
56.2403

■ 24.6407, 34.5980,
52.9571

■ 70.1392, 64.5347,
56.3374

■ 24.4175, 34.3113,
52.9135

■ 70.4332, 65.1228,
56.4354

Harmonies

Analogous

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



40.6478, 46.1196, 49.4333



40.9341, 46.1196, 54.3215



41.9898, 46.1196, 58.3299

Triad

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



40.9341, 46.1196, 54.3215



46.5836, 46.1196, 55.7709



44.1107, 46.1196, 41.4263

Complementary

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



40.9341, 46.1196, 54.3215



39.7423, 38.6843, 38.1739

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.



45.7341, 46.1196, 42.8925



40.9341, 46.1196, 54.3215



47.1853, 46.1196, 51.0077

Square

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



40.9341, 46.1196, 54.3215



45.2462, 46.1196, 59.2041



46.8704, 46.1196, 46.3235



42.4541, 46.1196, 42.1877

Rectangle

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



40.9341, 46.1196, 54.3215



43.0025, 46.1196, 59.8554



46.8704, 46.1196, 46.3235



44.6788, 46.1196, 41.6721

Sweetspot

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



40.9354, 46.1215, 54.3225



82.2494, 88.5055, 98.9745



38.7093, 45.9091, 40.5094



17.5618, 18.9568, 21.2760



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.



40.9354, 46.1215, 54.3225



71.4477, 81.8896, 98.2668



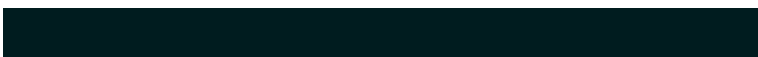
38.0462, 40.3430, 53.3594



9.7508, 10.6940, 12.2224



16.6467, 23.4051, 36.0332



0.6691, 0.9509, 1.4171

Inverse Universe

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



42.0012, 39.0338, 51.7772



73.8129, 66.2831, 92.5905



42.4123, 44.0243, 39.0639



9.9008, 9.6846, 11.8668



19.4032, 9.3925, 28.4808



0.7686, 0.3714, 1.1609

Previews

White Background



This preview shows how the XYZ color 40.9341, 46.1196, 54.3215 looks on a white background.

Color Contrast Check

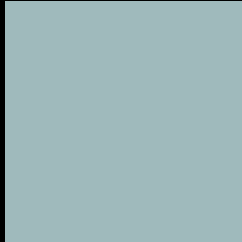
Large Text (above 18pt) WCAG AA × Fail

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 40.9341, 46.1196, 54.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

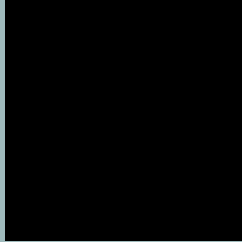
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9341, 46.1196, 54.3215

Background



This preview shows how black text looks on a background with the XYZ color 40.9341, 46.1196, 54.3215.



This preview shows how white text looks on a background with the XYZ color 40.9341, 46.1196,

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

40.9341, 46.1196, 54.3215

Protanopia

44.5014, 46.1705, 51.9137

Deuteranopia

46.8724, 45.8470, 55.0941



Tritanopia

42.1472, 45.9816, 60.6868

Trichromacy



Original Color

40.9341, 46.1196, 54.3215

Protanomaly

42.9405, 45.9574, 52.5064

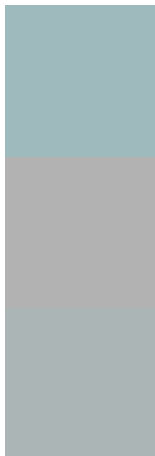
Deuteranomaly

44.3615, 45.7381, 54.6343

Tritanomaly

41.6965, 46.1116, 58.3326

Monochromacy



Original Color

40.9341, 46.1196, 54.3215

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.7620, 45.0831, 50.7568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9341, 46.1196, 54.3215 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, 186, 188)` looks like.

```
.text, #text, p{  
    color:rgb(159, 186, 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, 186, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 186, 188) }
```

Border

The CSS property to change the border of an element to XYZ 40.9341, 46.1196, 54.3215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

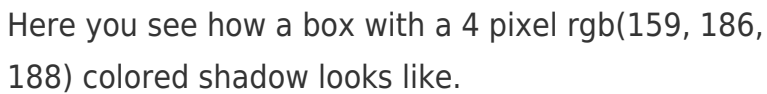
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 186, 188) }
```


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

```
.border{ border-color:rgb(159, 186, 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, 186, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 186, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 186, 188);  
box-shadow:4px 4px 4px 4px rgb(159, 186,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9341, 46.1196, 54.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 186, 188) }
```

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

```
.background{ background-color: rgb(159,  
186, 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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