

Converting Colors

XYZ(40.4506, 43.0627, 54.8756)

Have a look what the booklet for
XYZ(40.4506, 43.0627, 54.8756)
contains.

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Color

**XYZ(40.5335, 43.1613,
54.9098)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B1BE
RGB	165, 177, 190
RGB Percent	65%, 69%, 75%
CMY	0.3529, 0.3059, 0.2549
CMYK	0.13, 0.07, 0.00, 0.25
HSL	211°, 16%, 70%
HSV	211°, 13%, 75%
XYZ	40.5335, 43.1613, 54.9098
YIQ	174.8940, -11.3250, 1.4990

Conversions

Conversions Part 2

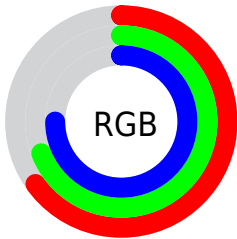
Format	Color
RYB	165, 173, 190
Decimal	10858942
CIELab	71.66, -1.51, -8.05
CIELCh	72, 8.189, 259.371
Yxy	43.1613, 0.2924, 0.3114
Android (android.graphics.Color)	4289049022 (0xFFFA5B1BE)
YUV	174.8940, 7.4473, -8.6770
Hunter-Lab	65.6973, -4.8404, -3.5665

Details

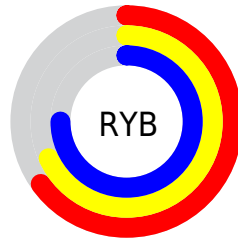
The XYZ color **40.5335, 43.1613, 54.9098** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.9475, 45.5046, 42.0653**, and the grayscale version is **40.6607, 42.7782, 46.5855**.

A 20% lighter version of the original color is **75.2887, 80.1473, 98.6906**, and **18.5331, 19.7322, 26.4988** is the 20% darker color. If you saturate the color by 10%, you get **34.9905, 37.5123, 54.1123**, and if you desaturate by 10%, it is **46.8074, 49.3991, 55.7838**.

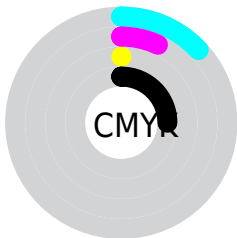
Distribution



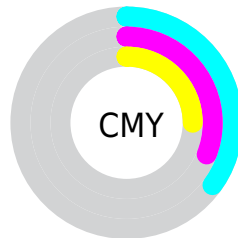
- Red (65%)
- Green (69%)
- Blue (75%)



- Red (65%)
- Yellow (68%)
- Blue (75%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (35%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5335, 43.1613, 54.9098 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 40.5335, 43.1613, 54.9098 by changing the saturation by 10% instead.

■ 40.5335, 43.1613,
54.9098

■ 40.5335, 43.1613,
54.9098

339.4631,
359.2747, 422.8422

■ 28.1408, 30.0117,
38.9314

■ 75.2544, 79.9542,
98.8786

■ 18.5728, 19.8475,
26.3989

■ 98.3133, 104.3663,
127.7061

■ 11.4642, 12.2842,
16.8939

125.6584,
133.3014, 161.6537

■ 6.4496, 6.9375,
9.9977

157.6550,
167.1437, 201.1399

■ 3.1636, 3.4231,
5.2919

194.6683,
206.2779, 246.5834

■ 1.2408, 1.3564,
2.3578

237.0639,

■ 0.1382, 0.1842,

251.0882, 298.4025

0.7633

285.2070,
301.9590, 357.0160

■ 0.0000, 0.0000,
0.0000

■ 40.5335, 43.1613,
54.9098

■ 40.5335, 43.1613,
54.9098

■ 34.9905, 37.5123,
54.1123

■ 46.8074, 49.3991,
55.7838

■ 30.1459, 32.4275,
53.3861

■ 53.8356, 56.2385,
56.7335

■ 25.9701, 27.8882,
52.7301

■ 61.6448, 63.6987,
57.7619

■ 22.4299, 23.8727,
52.1416

■ 70.2596, 71.7963,
58.8709

■ 19.4889, 20.3571,
51.6180

■ 77.8386, 79.5861,
59.9750

■ 17.1068, 17.3157,
51.1565

■ 80.6089, 85.1268,
60.8984

■ 15.2373, 14.7194,
50.7539

■ 83.5367, 90.9823,
61.8744

■ 13.8259, 12.5343,
50.4065

■ 86.2944, 96.4978,
62.7936

■ 13.0540, 11.2370,
50.1968

Harmonies

Analogous

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



39.3111, 43.1613, 53.0342



40.5335, 43.1613, 54.9098



41.9145, 43.1613, 54.5762

Triad

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



40.5335, 43.1613, 54.9098



43.5915, 43.1613, 44.5070



39.0324, 43.1613, 42.1947

Complementary

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



40.5335, 43.1613, 54.9098



43.9475, 45.5046, 42.0653

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.



40.1452, 43.1613, 40.1511



40.5335, 43.1613, 54.9098



42.7849, 43.1613, 41.4332

Square

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



40.5335, 43.1613, 54.9098



43.7012, 43.1613, 48.4185



41.5175, 43.1613, 39.8804



38.4575, 43.1613, 45.6003

Rectangle

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



40.5335, 43.1613, 54.9098



42.7388, 43.1613, 53.1513



41.5175, 43.1613, 39.8804



39.3548, 43.1613, 41.3340

Sweetspot

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



40.5348, 43.1631, 54.9108



83.7336, 88.4471, 100.9379



41.9589, 48.0380, 49.1373



18.1884, 19.2263, 22.1377



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



40.5348, 43.1631, 54.9108



70.1988, 74.9287, 99.0420



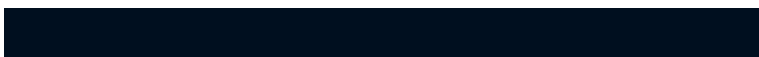
38.3542, 38.6731, 54.1590



9.3842, 9.9607, 12.1002



8.7578, 7.6274, 33.4035



0.4086, 0.4298, 1.3303

Inverse Universe

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



42.6272, 41.0328, 47.2704



74.8161, 70.3730, 82.1496



46.3370, 50.4378, 42.8916



9.7158, 9.6106, 10.8923



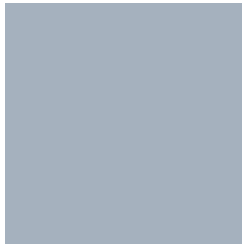
15.4213, 7.7997, 7.5122



0.6371, 0.3187, 0.4684

Previews

White Background



This preview shows how the XYZ color 40.5335, 43.1613, 54.9098 looks on a white background.

Color Contrast Check

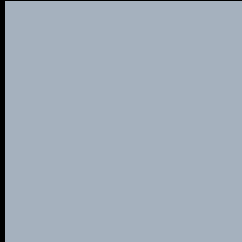
Large Text (above 18pt) WCAG AA × Fail

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 40.5335, 43.1613, 54.9098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

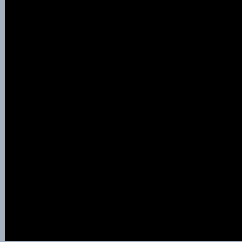
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

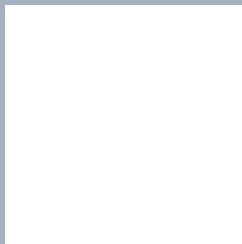
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.5335, 43.1613, 54.9098

Background



This preview shows how black text looks on a background with the XYZ color 40.5335, 43.1613, 54.9098.



This preview shows how white text looks on a background with the XYZ color 40.5335, 43.1613,

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

40.5335, 43.1613, 54.9098

Protanopia

41.8923, 43.0169, 53.6721

Deuteranopia

43.7863, 42.8253, 55.2485



Tritanopia

40.6432, 43.2052, 55.4875

Trichromacy



Original Color

40.5335, 43.1613, 54.9098

Protanomaly

41.3099, 42.9920, 54.2651

Deuteranomaly

42.7076, 43.1137, 55.3611

Tritanomaly

40.6432, 43.2052, 55.4875

Monochromacy



Original Color

40.5335, 43.1613, 54.9098

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.5581, 43.0039, 49.3430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5335, 43.1613, 54.9098 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(165, 177, 190)` looks like.

```
.text, #text, p{  
    color:rgb(165, 177, 190)  
}
```

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(165, 177, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 177, 190) }
```

Border

The CSS property to change the border of an element to XYZ 40.5335, 43.1613, 54.9098 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(165, 177, 190) }
```


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

```
.border{ border-color:rgb(165, 177, 190) }
```

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

Here you see how a box with a 4 pixel rgb(165, 177, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 177, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 177, 190);  
box-shadow:4px 4px 4px 4px rgb(165, 177,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5335, 43.1613, 54.9098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 177, 190) }
```

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

```
.background{ background-color: rgb(165,  
177, 190) }
```

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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