

Converting Colors

XYZ(40.5496, 43.6629, 54.4091)

Have a look what the booklet for
XYZ(40.5496, 43.6629, 54.4091)
contains.

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Color

**XYZ(40.6152, 43.8068,
54.4590)**

Conversions

Conversions Part 1

Format	Color
Hex	A4B3BD
RGB	164, 179, 189
RGB Percent	64%, 70%, 74%
CMY	0.3569, 0.2980, 0.2588
CMYK	0.13, 0.05, 0.00, 0.26
HSL	204°, 16%, 69%
HSV	204°, 13%, 74%
XYZ	40.6152, 43.8068, 54.4590
YIQ	175.6550, -12.1500, -0.0700

Conversions

Conversions Part 2

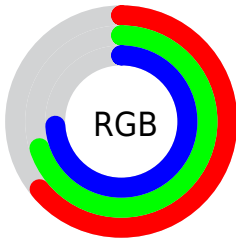
Format	Color
RYB	164, 173, 189
Decimal	10793917
CIELab	72.10, -3.13, -6.86
CIElCh	72, 7.543, 245.465
Yxy	43.8068, 0.2924, 0.3154
Android (android.graphics.Color)	4288983997 (0xFFA4B3BD)
YUV	175.6550, 6.5791, -10.2214
Hunter-Lab	66.1867, -6.2909, -2.4536

Details

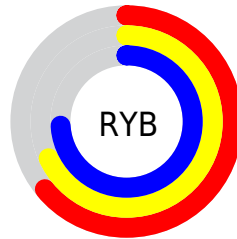
The XYZ color **40.6152, 43.8068, 54.4590** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.8234, 43.7710, 41.3143**, and the grayscale version is **41.0596, 43.1979, 47.0426**.

A 20% lighter version of the original color is **75.4032, 81.0693, 98.0600**, and **18.5869, 20.1440, 26.2011** is the 20% darker color. If you saturate the color by 10%, you get **35.5276, 38.9977, 53.7996**, and if you desaturate by 10%, it is **46.3680, 49.0845, 55.1752**.

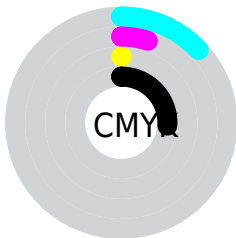
Distribution



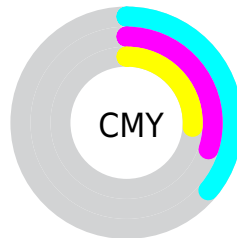
- Red (64%)
- Green (70%)
- Blue (74%)



- Red (64%)
- Yellow (68%)
- Blue (74%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (36%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6152, 43.8068, 54.4590 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 40.6152, 43.8068, 54.4590 by changing the saturation by 10% instead.

■ 40.6152, 43.8068,
54.4590

■ 40.6152, 43.8068,
54.4590

339.7999,
361.9193, 421.0819

■ 28.2049, 30.5187,
38.5731

■ 75.3778, 80.9269,
98.2110

■ 18.6214, 20.2326,
26.1225

■ 98.4608, 105.5277,
126.9142

■ 11.4994, 12.5642,
16.6887

125.8321,
134.6682, 160.7269

■ 6.4736, 7.1292,
9.8532

157.8570,
168.7327, 200.0677

■ 3.1785, 3.5430,
5.1974

194.9008,
208.1057, 245.3550

■ 1.2488, 1.4214,
2.3028

237.3291,

■ 0.1444, 0.2324,

253.1715, 297.0075

0.7328

285.5069,
304.3146, 355.4436

■ 0.0000, 0.0000,
0.0000

■ 40.6152, 43.8068,
54.4590

■ 40.6152, 43.8068,
54.4590

■ 35.5276, 38.9977,
53.7996

■ 46.3680, 49.0845,
55.1752

■ 31.0747, 34.6359,
53.1924

■ 52.8075, 54.8402,
55.9467

■ 27.2290, 30.7064,
52.6366

■ 59.9586, 61.0898,
56.7761

■ 23.9594, 27.1912,
52.1304

■ 67.8441, 67.8468,
57.6648

■ 21.2318, 24.0706,
51.6718

■ 75.1853, 74.4539,
58.5531

■ 19.0082, 21.3227,
51.2586

■ 77.1759, 78.4351,
59.2167

■ 17.2452, 18.9231,
50.8884

■ 79.2569, 82.5970,
59.9103

■ 15.8906, 16.8425,
50.5582

■ 81.4293, 86.9419,
60.6345

■ 15.1376, 15.5784,
50.3539

■ 83.6944, 91.4720,
61.3895

Harmonies

Analogous

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



39.6487, 43.8068, 51.9410



40.6152, 43.8068, 54.4590



41.8738, 43.8068, 55.1273

Triad

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



40.6152, 43.8068, 54.4590



44.1562, 43.8068, 47.0246



40.2140, 43.8068, 42.1414

Complementary

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



40.6152, 43.8068, 54.4590



42.8234, 43.7710, 41.3143

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.



41.4012, 43.8068, 40.9683



40.6152, 43.8068, 54.4590



43.6908, 43.8068, 43.6929

Square

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



40.6152, 43.8068, 54.4590



43.9353, 43.8068, 50.7102



42.6759, 43.8068, 41.5214



39.4204, 43.8068, 44.8078

Rectangle

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



40.6152, 43.8068, 54.4590



42.7130, 43.8068, 54.4058



42.6759, 43.8068, 41.5214



40.5793, 43.8068, 41.5658

Sweetspot

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



40.6165, 43.8086, 54.4600



82.1355, 87.0860, 98.7065



41.1076, 47.3282, 46.8011



17.4882, 18.5689, 21.2050



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.



40.6165, 43.8086, 54.4600



69.8596, 75.7640, 97.1681



38.2993, 39.1743, 53.6876



9.4797, 10.1518, 12.1321



10.2613, 10.6342, 33.9047



0.4643, 0.5413, 1.3489

Inverse Universe

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



42.3994, 40.6253, 48.2567



73.7312, 69.0069, 83.6626



45.2643, 48.6528, 42.1279



9.7640, 9.6299, 11.1463



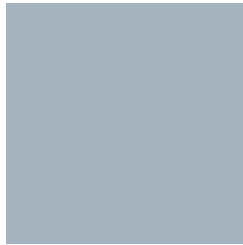
16.1802, 8.1032, 11.5083



0.6653, 0.3300, 0.6166

Previews

White Background



This preview shows how the XYZ color 40.6152, 43.8068, 54.4590 looks on a white background.

Color Contrast Check

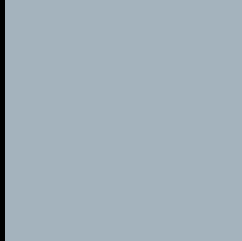
Large Text (above 18pt) WCAG AA × Fail

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 40.6152, 43.8068, 54.4590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

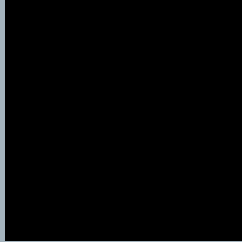
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

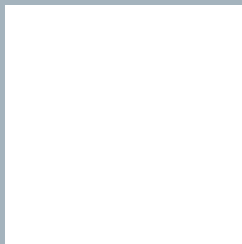
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.6152, 43.8068, 54.4590

Background



This preview shows how black text looks on a background with the XYZ color 40.6152, 43.8068, 54.4590.



This preview shows how white text looks on a background with the XYZ color 40.6152, 43.8068,

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

40.6152, 43.8068, 54.4590

Protanopia

42.4311, 43.5949, 53.1920

Deuteranopia

44.6500, 43.8314, 55.3972



Tritanopia

41.0631, 43.6904, 56.7209

Trichromacy



Original Color

40.6152, 43.8068, 54.4590

Protanomaly

41.6157, 43.4522, 53.7707

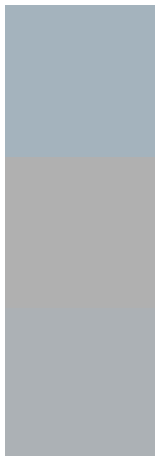
Deuteranomaly

43.2146, 43.9614, 54.9229

Tritanomaly

40.9519, 43.6459, 56.1353

Monochromacy



Original Color

40.6152, 43.8068, 54.4590

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.0759, 43.5511, 49.9573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6152, 43.8068, 54.4590 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(164, 179, 189)` looks like.

```
.text, #text, p{  
    color:rgb(164, 179, 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(164, 179, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 179, 189) }
```

Border

The CSS property to change the border of an element to XYZ 40.6152, 43.8068, 54.4590 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(164, 179, 189) }
```


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

```
.border{ border-color:rgb(164, 179, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 179, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 179, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 179, 189);  
box-shadow:4px 4px 4px 4px rgb(164, 179,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6152, 43.8068, 54.4590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 179, 189) }
```

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

```
.background{ background-color: rgb(164,  
179, 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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