

Converting Colors

XYZ(40.2069, 40.2736, 54.1563)

Have a look what the booklet for
XYZ(40.2069, 40.2736, 54.1563)
contains.

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Color

**XYZ(40.1262, 40.1258,
54.3454)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA7BE
RGB	172, 167, 190
RGB Percent	67%, 65%, 75%
CMY	0.3255, 0.3451, 0.2549
CMYK	0.09, 0.12, 0.00, 0.25
HSL	253°, 15%, 70%
HSV	253°, 12%, 75%
XYZ	40.1262, 40.1258, 54.3454
YIQ	171.1170, -4.4030, 8.2130

Conversions

Conversions Part 2

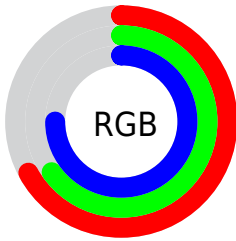
Format	Color
R_{YB}	172, 167, 190
Decimal	11315134
CIE Lab	69.56, 6.30, -11.13
CIE LCh	70, 12.790, 299.506
Yxy	40.1258, 0.2981, 0.2981
Android (android.graphics.Color)	4289505214 (0xFFACA7BE)
YUV	171.1170, 9.3093, 0.7744
Hunter-Lab	63.3449, 2.2182, -6.5251

Details

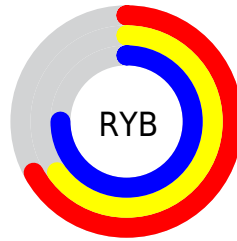
The XYZ color **40.1262, 40.1258, 54.3454** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.3977, 49.9323, 43.8064**, and the grayscale version is **38.7247, 40.7414, 44.3674**.

A 20% lighter version of the original color is **74.4344, 75.2273, 97.7860**, and **18.3918, 18.0607, 26.1836** is the 20% darker color. If you saturate the color by 10%, you get **33.8149, 32.0800, 53.1257**, and if you desaturate by 10%, it is **47.3166, 49.3861, 55.7545**.

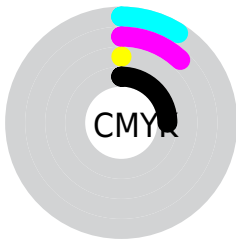
Distribution



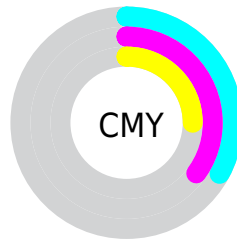
- Red (67%)
- Green (65%)
- Blue (75%)



- Red (67%)
- Yellow (65%)
- Blue (75%)



- Cyan (9%)
- Magenta (12%)
- Yellow (0%)
- Black (25%)



- Cyan (33%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.1262, 40.1258, 54.3454 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 40.1262, 40.1258, 54.3454 by changing the saturation by 10% instead.

■ 40.1262, 40.1258,
54.3454

■ 40.1262, 40.1258,
54.3454

337.7805,
346.6535, 420.6376

■ 27.8216, 27.6366,
38.4828

■ 74.6388, 75.3550,
98.0427

■ 18.3310, 18.0519,
26.0529

■ 97.5774, 98.8639,
126.7145

■ 11.2890, 10.9873,
16.6371

124.7915,
126.8148, 160.4931

■ 6.3303, 6.0583,
9.8169

156.6464,
159.5921, 199.7971

■ 3.0895, 2.8806,
5.1737

193.5073,
197.5803, 245.0450

■ 1.2013, 1.0697,
2.2890

235.7398,

■ 0.1074, 0.0000,

241.1636, 296.6554

0.7251

283.7091,
290.7266, 355.0467

■ 0.0000, 0.0000,
0.0000

■ 40.1262, 40.1258,
54.3454

■ 40.1262, 40.1258,
54.3454

■ 33.8149, 32.0800,
53.1257

■ 47.3166, 49.3861,
55.7545

■ 28.3449, 25.1930,
52.0846

■ 55.4147, 59.9034,
57.3577

■ 23.6809, 19.4122,
51.2147

■ 64.4523, 71.7243,
59.1630

■ 19.7837, 14.6792,
50.5065

■ 74.4587, 84.8917,
61.1772

■ 16.6107, 10.9299,
49.9500

■ 83.1862, 94.8954,
62.6481

■ 14.1149, 8.0930,
49.5340

■ 86.2944, 96.4978,
62.7936

■ 12.2435, 6.0874,
49.2455

■ 10.9350, 4.8172,
49.0693

■ 10.2203, 4.1951,
48.9869

Harmonies

Analogous

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



38.1041, 40.1258, 56.0674



40.1262, 40.1258, 54.3454



41.6607, 40.1258, 49.7143

Triad

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



40.1262, 40.1258, 54.3454



40.1876, 40.1258, 34.6114



34.3065, 40.1258, 43.5922

Complementary

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



40.1262, 40.1258, 54.3454



45.3977, 49.9323, 43.8064

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.



34.8204, 40.1258, 38.1735



40.1262, 40.1258, 54.3454



38.1726, 40.1258, 33.2833

Square

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



40.1262, 40.1258, 54.3454



41.6970, 40.1258, 38.3289



36.2173, 40.1258, 34.5275



34.7882, 40.1258, 49.5294

Rectangle

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



40.1262, 40.1258, 54.3454



42.1745, 40.1258, 45.7929



36.2173, 40.1258, 34.5275



34.3683, 40.1258, 41.6529

Sweetspot

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



40.1274, 40.1275, 54.3463



83.0605, 86.0262, 100.5061



42.5844, 46.6393, 55.4737



18.0140, 18.5997, 22.0260



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.



40.1274, 40.1275, 54.3463



68.9565, 67.9058, 97.7519



42.7579, 41.4836, 54.4694



9.2052, 9.3226, 11.9865



6.8516, 2.8182, 32.5757



0.3253, 0.1397, 1.2787

Inverse Universe

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



43.8123, 42.0892, 51.7160



77.2116, 72.3024, 91.7706



42.7379, 48.5612, 43.6819



9.8388, 9.6598, 11.5400



17.7422, 8.7280, 19.7339



0.7175, 0.3509, 0.8914

Previews

White Background



This preview shows how the XYZ color 40.1262, 40.1258, 54.3454 looks on a white background.

Color Contrast Check

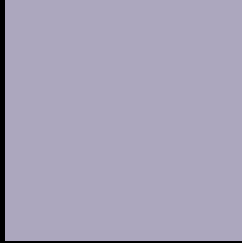
Large Text (above 18pt) WCAG AA × Fail

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 40.1262, 40.1258, 54.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

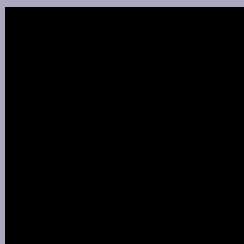
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.1262, 40.1258, 54.3454

Background



This preview shows how black text looks on a background with the XYZ color 40.1262, 40.1258, 54.3454.



This preview shows how white text looks on a background with the XYZ color 40.1262, 40.1258,

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

40.1262, 40.1258, 54.3454

Protanopia

39.5283, 40.3530, 54.9958

Deuteranopia

40.8809, 39.9751, 54.2765



Tritanopia

39.2407, 40.0406, 49.9164

Trichromacy



Original Color

40.1262, 40.1258, 54.3454

Protanomaly

39.7688, 40.2019, 54.9539

Deuteranomaly

40.6097, 40.1041, 54.3157

Tritanomaly

39.5542, 40.1660, 51.5670

Monochromacy



Original Color

40.1262, 40.1258, 54.3454

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.2052, 40.6217, 47.8939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1262, 40.1258, 54.3454 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(172, 167, 190)` looks like.

```
.text, #text, p{  
    color:rgb(172, 167, 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(172, 167, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 167, 190) }
```

Border

The CSS property to change the border of an element to XYZ 40.1262, 40.1258, 54.3454 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(172, 167, 190) }
```


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

```
.border{ border-color:rgb(172, 167, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 167, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 167, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 167, 190);  
box-shadow:4px 4px 4px 4px rgb(172, 167,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1262, 40.1258, 54.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 167, 190) }
```

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

```
.background{ background-color: rgb(172,  
167, 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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