

Converting Colors

XYZ(44.0350, 40.2682, 53.9162)

Have a look what the booklet for
XYZ(44.0350, 40.2682, 53.9162)
contains.

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Color

**XYZ(44.1132, 40.3287,
54.1744)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A0BE
RGB	194, 160, 190
RGB Percent	76%, 63%, 75%
CMY	0.2392, 0.3725, 0.2549
CMYK	0.00, 0.18, 0.02, 0.24
HSL	307°, 22%, 69%
HSV	307°, 18%, 76%
XYZ	44.1132, 40.3287, 54.1744
YIQ	173.5860, 10.6340, 16.5380

Conversions

Conversions Part 2

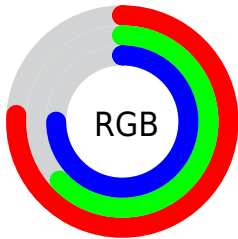
Format	Color
RYB	194, 160, 190
Decimal	12755134
CIELab	69.70, 17.71, -10.72
CIELCh	70, 20.701, 328.824
Yxy	40.3287, 0.3182, 0.2909
Android (android.graphics.Color)	4290945214 (0xFFC2A0BE)
YUV	173.5860, 8.0921, 17.9031
Hunter-Lab	63.5049, 12.8602, -6.1254

Details

The XYZ color **44.1132, 40.3287, 54.1744** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.4914, 48.7386, 42.3976**, and the grayscale version is **39.9769, 42.0589, 45.8021**.

A 20% lighter version of the original color is **80.7187, 75.7639, 97.5583**, and **20.6931, 18.1067, 26.0712** is the 20% darker color. If you saturate the color by 10%, you get **40.7618, 34.0215, 51.8364**, and if you desaturate by 10%, it is **47.9957, 47.6905, 56.7097**.

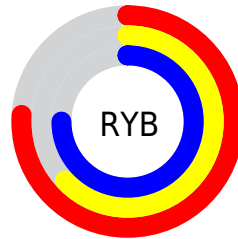
Distribution



Red (76%)

Green (63%)

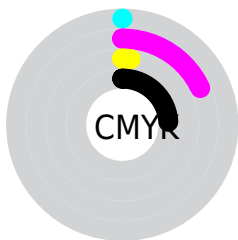
Blue (75%)



Red (76%)

Yellow (63%)

Blue (75%)

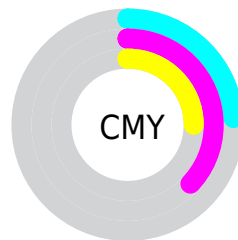


Cyan (0%)

Magenta (18%)

Yellow (2%)

Black (24%)



Cyan (24%)

Magenta (37%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1132, 40.3287, 54.1744 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 44.1132, 40.3287, 54.1744 by changing the saturation by 10% instead.

■ 44.1132, 40.3287,
54.1744

■ 44.1132, 40.3287,
54.1744

354.0144,
347.5071, 419.9681

■ 30.9578, 27.7949,
38.3470

■ 80.6333, 75.6638,
97.7892

■ 20.7184, 18.1711,
25.9482

■ 104.7288, 99.2339,
126.4138

■ 13.0296, 11.0729,
16.5595

133.2017,
127.2515, 160.1411

■ 7.5261, 6.1159,
9.7623

166.4173,
160.1012, 199.3897

■ 3.8425, 2.9157,
5.1381

204.7410,
198.1671, 244.5781

■ 1.6134, 1.0879,
2.2684

248.5382,

■ 0.4011, 0.0000,

241.8338, 296.1250

0.7134

298.1742,
291.4857, 354.4488

■ 0.0000, 0.0000,
0.0000

■ 44.1132, 40.3287,
54.1744

■ 44.1132, 40.3287,
54.1744

■ 40.7618, 34.0215,
51.8364

■ 47.9957, 47.6905,
56.7097

■ 37.9137, 28.7152,
49.6848

■ 52.4283, 56.1471,
59.4472

■ 35.5438, 24.3591,
47.7118

■ 57.4337, 65.7430,
62.3952

■ 33.6235, 20.8961,
45.9076

■ 63.0322, 76.5185,
65.5603

■ 32.1212, 18.2630,
44.2618

■ 68.5998, 87.2260,
68.7348

■ 31.0011, 16.3882,
42.7621

■ 68.8711, 87.3346,
70.1636

■ 30.2215, 15.1881,
41.3947

■ 69.1465, 87.4447,
71.6135

■ 29.7220, 14.5423,
40.1394

■ 69.4258, 87.5564,
73.0846

■ 29.6158, 14.4164,
39.8372

■ 69.7092, 87.6698,
74.5770

Harmonies

Analogous

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



41.5227, 40.3287, 62.1456



44.1132, 40.3287, 54.1744



45.1416, 40.3287, 44.2909

Triad

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



44.1132, 40.3287, 54.1744



38.4636, 40.3287, 27.9235



32.9582, 40.3287, 53.4233

Complementary

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



44.1132, 40.3287, 54.1744



40.4914, 48.7386, 42.3976

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.



32.2427, 40.3287, 43.5334



44.1132, 40.3287, 54.1744



35.3076, 40.3287, 29.6457

Square

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



44.1132, 40.3287, 54.1744



41.7648, 40.3287, 29.9381



33.0779, 40.3287, 35.0335



35.0912, 40.3287, 61.6694

Rectangle

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



44.1132, 40.3287, 54.1744



44.7598, 40.3287, 38.2214



33.0779, 40.3287, 35.0335



32.5496, 40.3287, 50.1392

Sweetspot

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



44.1144, 40.3305, 54.1753



88.8244, 89.9610, 103.9204



37.6132, 36.9277, 56.1849



19.3302, 19.4693, 22.6814



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



44.1144, 40.3305, 54.1753



77.4990, 68.4940, 96.4957



42.3664, 39.6313, 44.9704



10.4446, 10.2265, 12.4319



19.4911, 9.4862, 26.2958



0.8569, 0.4158, 1.2137

Inverse Universe

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



44.1144, 40.3305, 54.1753



77.4990, 68.4940, 96.4957



42.1275, 49.3930, 51.0129



10.4446, 10.2265, 12.4319



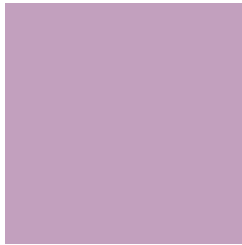
19.4911, 9.4862, 26.2958



0.8569, 0.4158, 1.2137

Previews

White Background



This preview shows how the XYZ color 44.1132, 40.3287, 54.1744 looks on a white background.

Color Contrast Check

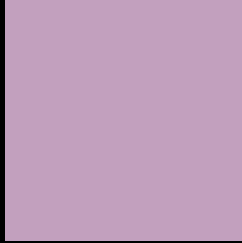
Large Text (above 18pt) WCAG AA × Fail

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 44.1132, 40.3287, 54.1744 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 44.1132, 40.3287, 54.1744

Background



This preview shows how black text looks on a background with the XYZ color 44.1132, 40.3287, 54.1744.



This preview shows how white text looks on a background with the XYZ color 44.1132, 40.3287,

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

44.1132, 40.3287, 54.1744

Protanopia

39.8777, 40.4684, 57.9340

Deuteranopia

41.1816, 40.4115, 53.7738



Tritanopia

42.5733, 40.4960, 46.1301

Trichromacy



Original Color

44.1132, 40.3287, 54.1744

Protanomaly

41.2783, 40.3976, 56.6608

Deuteranomaly

42.2279, 40.4154, 53.7194

Tritanomaly

43.1509, 40.4734, 48.7179

Monochromacy



Original Color

44.1132, 40.3287, 54.1744

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.4822, 41.4950, 49.0030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1132, 40.3287, 54.1744 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(194, 160, 190)` looks like.

```
.text, #text, p{  
    color:rgb(194, 160, 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(194, 160, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 160, 190) }
```

Border

The CSS property to change the border of an element to XYZ 44.1132, 40.3287, 54.1744 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(194, 160, 190) }
```


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

```
.border{ border-color:rgb(194, 160, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 160, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 160, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 160, 190);  
box-shadow:4px 4px 4px 4px rgb(194, 160,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1132, 40.3287, 54.1744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 160, 190) }
```

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

```
.background{ background-color: rgb(194,  
160, 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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