

Converting Colors

XYZ(53.5092, 46.2407, 44.3696)

Have a look what the booklet for
XYZ(53.5092, 46.2407, 44.3696)
contains.

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Color

**XYZ(53.3079, 46.0856,
44.1160)**

Conversions

Conversions Part 1

Format	Color
Hex	E7A3AA
RGB	231, 163, 170
RGB Percent	91%, 64%, 67%
CMY	0.0941, 0.3608, 0.3333
CMYK	0.00, 0.29, 0.26, 0.09
HSL	354°, 59%, 77%
HSV	354°, 29%, 91%
XYZ	53.3079, 46.0856, 44.1160
YIQ	184.1300, 38.2810, 16.5930

Conversions

Conversions Part 2

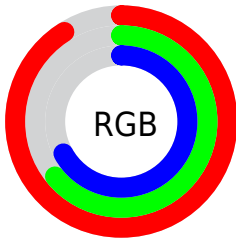
Format	Color
R_{YB}	231, 163, 170
Decimal	15180714
CIE _{Lab}	73.60, 26.13, 6.49
CIE _{LCh}	74, 26.922, 13.952
Yxy	46.0856, 0.3715, 0.3211
Android (android.graphics.Color)	4293370794 (0xFFE7A3AA)
YUV	184.1300, -6.9661, 41.1050
Hunter-Lab	67.8864, 21.3663, 8.9908

Details

The XYZ color **53.3079, 46.0856, 44.1160** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.1367, 70.3213, 81.0865**, and the grayscale version is **45.6553, 48.0330, 52.3079**.

A 20% lighter version of the original color is **79.9020, 76.8391, 81.8543**, and **26.4100, 21.6756, 19.9314** is the 20% darker color. If you saturate the color by 10%, you get **47.7665, 37.8964, 33.3473**, and if you desaturate by 10%, it is **59.9100, 55.9009, 56.7639**.

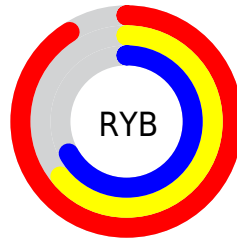
Distribution



Red (91%)

Green (64%)

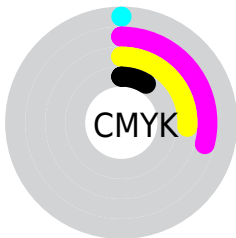
Blue (67%)



Red (91%)

Yellow (64%)

Blue (67%)

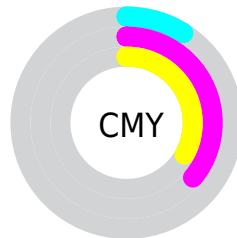


Cyan (0%)

Magenta (29%)

Yellow (26%)

Black (9%)



Cyan (9%)


Magenta (36%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3079, 46.0856, 44.1160 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 53.3079, 46.0856, 44.1160 by changing the saturation by 10% instead.


 53.3079, 46.0856,
44.1160


 53.3079, 46.0856,
44.1160


389.7068,
371.1527, 379.2366

 38.2771, 32.3134,
30.4239


 94.2201, 84.3471,
82.6966

 26.3760, 21.6010,
19.9057


 120.8323,
109.6051, 108.4221

 17.2393, 13.5640,
12.1432


152.0356,
139.4606, 138.9959

 10.5016, 7.8181,
6.7175

188.1954,
174.2979, 174.8364

 5.7976, 3.9787,
3.2103

229.6771,
214.5013, 216.3621

 2.7619, 1.6617,
1.2030

276.8460,

 1.0291, 0.3987,

260.4553, 263.9918

0.0000

330.0674,
312.5443, 318.1437

■ 0.0000, 0.0000,
0.0000

■ 53.3079, 46.0856,
44.1160

■ 53.3079, 46.0856,
44.1160

■ 47.7665, 37.8964,
33.3473

■ 59.9100, 55.9009,
56.7639

■ 43.2267, 31.2395,
24.3654

■ 67.6203, 67.4167,
71.3717

■ 39.6295, 26.0213,
17.0741

■ 76.4878, 80.7106,
88.0192

■ 36.9080, 22.1353,
11.3671

■ 86.4280, 95.5941,
106.7372

■ 34.9867, 19.4606,
7.1260

■ 86.7651, 95.7290,
108.5123

■ 33.7766, 17.8537,
4.2157

■ 33.1441, 17.0872,
2.4674

■ 33.1176, 17.0540,
2.3977

Harmonies

Analogous

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



53.2091, 46.0856, 57.7864



53.3079, 46.0856, 44.1160



50.7340, 46.0856, 34.0848

Triad

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



53.3079, 46.0856, 44.1160



37.7479, 46.0856, 33.5634



41.3192, 46.0856, 79.8494

Complementary

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



53.3079, 46.0856, 44.1160



57.1367, 70.3213, 81.0865

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.



37.5338, 46.0856, 70.6786



53.3079, 46.0856, 44.1160



35.5763, 46.0856, 43.2711

Square

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



53.3079, 46.0856, 44.1160



41.6312, 46.0856, 28.7825



35.5009, 46.0856, 56.7743



46.0490, 46.0856, 80.1883

Rectangle

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



53.3079, 46.0856, 44.1160



47.9498, 46.0856, 30.1075



35.5009, 46.0856, 56.7743



39.9024, 46.0856, 77.6317

Sweetspot

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



53.3092, 46.0878, 44.1169



85.0211, 84.9656, 90.0708



57.9744, 47.6647, 81.7462



17.8751, 17.7030, 18.6698



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.



53.3092, 46.0878, 44.1169



62.5620, 51.5341, 47.1722



57.7792, 56.0590, 42.4283



14.4369, 14.3920, 15.2354



18.5872, 9.5691, 1.4554



1.3940, 0.7153, 0.2153

Inverse Universe

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



53.3092, 46.0878, 44.1169



62.5620, 51.5341, 47.1722



51.3453, 57.1886, 83.9339



14.4369, 14.3920, 15.2354



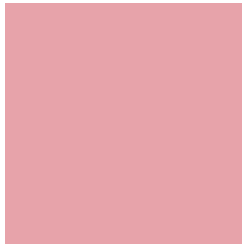
18.5872, 9.5691, 1.4554



1.3940, 0.7153, 0.2153

Previews

White Background



This preview shows how the XYZ color 53.3079, 46.0856, 44.1160 looks on a white background.

Color Contrast Check

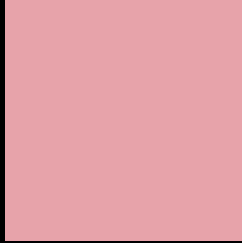
Large Text (above 18pt) WCAG AA × Fail

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 53.3079, 46.0856, 44.1160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

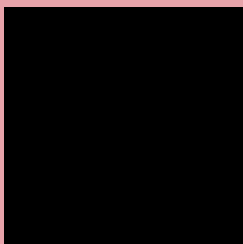
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3079, 46.0856, 44.1160

Background



This preview shows how black text looks on a background with the XYZ color 53.3079, 46.0856, 44.1160.



This preview shows how white text looks on a background with the XYZ color 53.3079, 46.0856,

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

53.3079, 46.0856, 44.1160

Protanopia

44.5671, 46.2521, 49.7586

Deuteranopia

47.2997, 46.3245, 43.4943



Tritanopia

53.6132, 45.9247, 46.5961

Trichromacy



Original Color

53.3079, 46.0856, 44.1160

Protanomaly

47.3296, 45.9632, 47.4515

Deuteranomaly

49.4559, 46.2865, 43.8637

Tritanomaly

53.4182, 45.8467, 45.5690

Monochromacy



Original Color

53.3079, 46.0856, 44.1160

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.7494, 46.7228, 49.1496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3079, 46.0856, 44.1160 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(231, 163, 170)` looks like.

```
.text, #text, p{  
    color:rgb(231, 163, 170)  
}
```

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(231, 163, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 163, 170) }
```

Border

The CSS property to change the border of an element to XYZ 53.3079, 46.0856, 44.1160 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(231, 163, 170) }
```


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

```
.border{ border-color:rgb(231, 163, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 163, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 163, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 163, 170);  
box-shadow:4px 4px 4px 4px rgb(231, 163,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3079, 46.0856, 44.1160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 163, 170) }
```

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

```
.background{ background-color: rgb(231,  
163, 170) }
```

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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