

Converting Colors

XYZ(53.5794, 46.1124, 48.9764)

Have a look what the booklet for
XYZ(53.5794, 46.1124, 48.9764)
contains.

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Color

**XYZ(53.5470, 46.1071,
48.7251)**

Conversions

Conversions Part 1

Format	Color
Hex	E5A3B3
RGB	229, 163, 179
RGB Percent	90%, 64%, 70%
CMY	0.1020, 0.3608, 0.2980
CMYK	0.00, 0.29, 0.22, 0.10
HSL	345°, 56%, 77%
HSV	345°, 29%, 90%
XYZ	53.5470, 46.1071, 48.7251
YIQ	184.5580, 34.2000, 18.9680

Conversions

Conversions Part 2

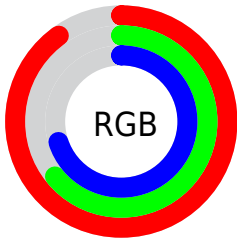
Format	Color
R _Y B	229, 163, 179
Decimal	15049651
CIE Lab	73.61, 26.68, 1.53
CIE LCh	74, 26.727, 3.284
Yxy	46.1071, 0.3609, 0.3107
Android (android.graphics.Color)	4293239731 (0xFFE5A3B3)
YUV	184.5580, -2.7401, 38.9756
Hunter-Lab	67.9022, 21.9344, 4.9864

Details

The XYZ color **53.5470, 46.1071, 48.7251** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.1358, 68.6305, 73.2954**, and the grayscale version is **45.8712, 48.2601, 52.5553**.

A 20% lighter version of the original color is **81.3068, 77.4010, 89.2518**, and **26.4636, 21.6459, 22.5220** is the 20% darker color. If you saturate the color by 10%, you get **48.1974, 38.0414, 38.8226**, and if you desaturate by 10%, it is **59.8561, 55.7378, 60.0378**.

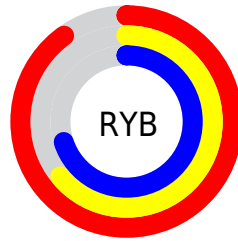
Distribution



Red (90%)

Green (64%)

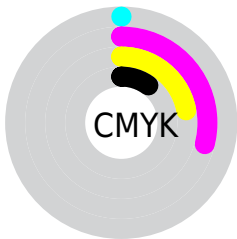
Blue (70%)



Red (90%)

Yellow (64%)

Blue (70%)

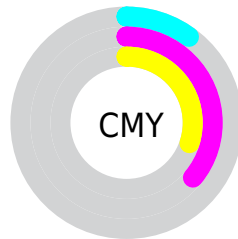


Cyan (0%)

Magenta (29%)

Yellow (22%)

Black (10%)



Cyan (10%)


Magenta (36%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5470, 46.1071, 48.7251 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 53.5470, 46.1071, 48.7251 by changing the saturation by 10% instead.


 53.5470, 46.1071,
48.7251


 53.5470, 46.1071,
48.7251


390.6068,
371.2391, 398.2504

 38.4688, 32.3303,
34.0374

 94.5696, 84.3793,
89.6598

 26.5256, 21.6139,
22.6447


 121.2447,
109.6435, 116.7439

 17.3520, 13.5735,
14.1286


152.5162,
139.5056, 148.7971

 10.5826, 7.8246,
8.0704

188.7495,
174.3500, 186.2381

 5.8522, 3.9829,
4.0516

230.3098,
214.5612, 229.4854

 2.7952, 1.6640,
1.6537

277.5626,

 1.0464, 0.4002,

260.5235, 278.9575

0.3287

330.8731,
312.6213, 335.0730

■ 0.0000, 0.0000,
0.0000

■ 53.5470, 46.1071,
48.7251

■ 53.5470, 46.1071,
48.7251

■ 48.1974, 38.0414,
38.8226

■ 59.8561, 55.7378,
60.0378

■ 43.7557, 31.4515,
30.2711

■ 67.1655, 67.0036,
72.8109

■ 40.1708, 26.2490,
23.0115

■ 75.5181, 79.9783,
87.0956

■ 37.3853, 22.3335,
16.9789

■ 84.9531, 94.7291,
102.9396

■ 35.3339, 19.5907,
12.1022

■ 86.1233, 95.3981,
108.4822

■ 33.9407, 17.8862,
8.3027

■ 33.0950, 17.0178,
5.4841

■ 33.0150, 16.9388,
5.2074

Harmonies

Analogous

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



52.4616, 46.1071, 62.8495



53.5470, 46.1071, 48.7251



51.8763, 46.1071, 37.2198

Triad

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



53.5470, 46.1071, 48.7251



39.0184, 46.1071, 31.4216



39.8597, 46.1071, 77.2549

Complementary

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



53.5470, 46.1071, 48.7251



55.1358, 68.6305, 73.2954

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.



36.6503, 46.1071, 65.9002



53.5470, 46.1071, 48.7251



36.1897, 46.1071, 39.3777

Square

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



53.5470, 46.1071, 48.7251



43.3044, 46.1071, 28.4264



35.3545, 46.1071, 51.7101



44.3466, 46.1071, 80.9627

Rectangle

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



53.5470, 46.1071, 48.7251



49.4899, 46.1071, 32.0810



35.3545, 46.1071, 51.7101



38.6068, 46.1071, 74.1162

Sweetspot

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



53.5483, 46.1092, 48.7260



85.4864, 85.1517, 92.5210



54.5374, 45.9254, 80.1192



17.9888, 17.7484, 19.2686



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.



53.5483, 46.1092, 48.7260



63.8414, 52.0459, 53.9093



55.1461, 51.7454, 41.7344



14.5195, 14.4250, 15.6700



18.9159, 9.7006, 3.1863



1.4338, 0.7312, 0.4251

Inverse Universe

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



53.5483, 46.1092, 48.7260



63.8414, 52.0459, 53.9093



52.9175, 60.7826, 83.0723



14.5195, 14.4250, 15.6700



18.9159, 9.7006, 3.1863



1.4338, 0.7312, 0.4251

Previews

White Background



This preview shows how the XYZ color 53.5470, 46.1071, 48.7251 looks on a white background.

Color Contrast Check

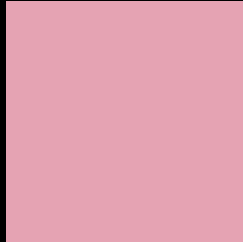
Large Text (above 18pt) WCAG AA × Fail

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 53.5470, 46.1071, 48.7251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

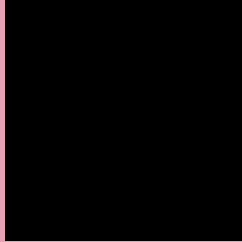
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5470, 46.1071, 48.7251

Background



This preview shows how black text looks on a background with the XYZ color 53.5470, 46.1071, 48.7251.



This preview shows how white text looks on a background with the XYZ color 53.5470, 46.1071,

48.7251.

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

53.5470, 46.1071, 48.7251

Protanopia

44.7980, 46.2617, 54.7124

Deuteranopia

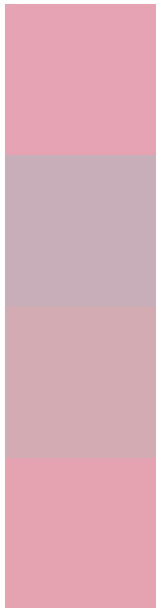
47.0852, 46.1136, 48.0141



Tritanopia

53.2468, 45.9870, 47.1443

Trichromacy



Original Color

53.5470, 46.1071, 48.7251

Protanomaly

47.4462, 45.9170, 52.2611

Deuteranomaly

49.4628, 46.1891, 48.4279

Tritanomaly

53.3461, 46.0267, 47.6674

Monochromacy



Original Color

53.5470, 46.1071, 48.7251

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.3568, 47.2807, 51.3772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5470, 46.1071, 48.7251 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(229, 163, 179)` looks like.

```
.text, #text, p{  
    color:rgb(229, 163, 179)  
}
```

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(229, 163, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 163, 179) }
```

Border

The CSS property to change the border of an element to XYZ 53.5470, 46.1071, 48.7251 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(229, 163, 179) }
```


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

```
.border{ border-color:rgb(229, 163, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 163, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 163, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 163, 179); box-shadow:4px 4px 4px 4px rgb(229, 163, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5470, 46.1071, 48.7251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 163, 179) }
```

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

```
.background{ background-color: rgb(229,  
163, 179) }
```

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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