

Converting Colors

XYZ(50.8620, 44.1027, 44.3692)

Have a look what the booklet for
XYZ(50.8620, 44.1027, 44.3692)
contains.

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Color

**XYZ(50.6620, 43.9292,
44.3371)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A0AB
RGB	224, 160, 171
RGB Percent	88%, 63%, 67%
CMY	0.1216, 0.3725, 0.3294
CMYK	0.00, 0.29, 0.24, 0.12
HSL	350°, 51%, 75%
HSV	350°, 29%, 88%
XYZ	50.6620, 43.9292, 44.3371
YIQ	180.3900, 34.6130, 16.9890

Conversions

Conversions Part 2

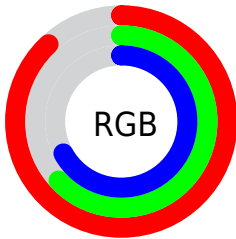
Format	Color
R _Y B	224, 160, 171
Decimal	14721195
CIE Lab	72.18, 25.31, 3.80
CIE LCh	72, 25.593, 8.531
Yxy	43.9292, 0.3647, 0.3162
Android (android.graphics.Color)	4292911275 (0xFFE0A0AB)
YUV	180.3900, -4.6293, 38.2460
Hunter-Lab	66.2791, 20.4523, 6.7336

Details

The XYZ color **50.6620, 43.9292, 44.3371** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.1650, 65.5901, 72.8122**, and the grayscale version is **43.6041, 45.8749, 49.9578**.

A 20% lighter version of the original color is **79.2679, 75.3519, 82.3180**, and **24.8408, 20.3819, 20.0776** is the 20% darker color. If you saturate the color by 10%, you get **45.4770, 36.1931, 34.4884**, and if you desaturate by 10%, it is **56.7972, 53.1678, 55.7280**.

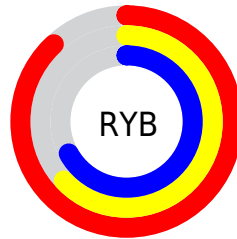
Distribution



Red (88%)

Green (63%)

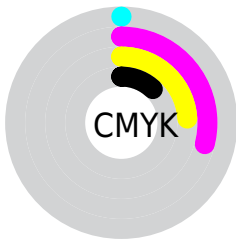
Blue (67%)



Red (88%)

Yellow (63%)

Blue (67%)

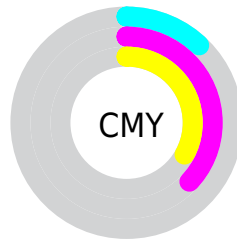


Cyan (0%)

Magenta (29%)

Yellow (24%)

Black (12%)



Cyan (12%)


Magenta (37%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6620, 43.9292, 44.3371 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 50.6620, 43.9292, 44.3371 by changing the saturation by 10% instead.


 50.6620, 43.9292,
44.3371


 50.6620, 43.9292,
44.3371


379.6585,
362.4193, 380.1637

 36.1596, 30.6149,
30.5965


 90.3409, 81.1112,
83.0326

 24.7282, 20.3057,
20.0359


 116.2482,
105.7476, 108.8246

 16.0023, 12.6175,
12.2368


146.6878,
134.9269, 139.4708

 9.6166, 7.1657,
6.7807

182.0251,
169.0334, 175.3897

 5.2058, 3.5659,
3.2489

222.6255,
208.4514, 216.9999

 2.4045, 1.4338,
1.2231

268.8543,

 0.8474, 0.2415,

253.5655, 264.7200

0.0000

321.0768,
304.7600, 318.9684

■ 0.0000, 0.0000,
0.0000

■ 50.6620, 43.9292,
44.3371

■ 50.6620, 43.9292,
44.3371

■ 45.4770, 36.1931,
34.4884

■ 56.7972, 53.1678,
55.7280

■ 41.1908, 29.8742,
26.1125

■ 63.9234, 63.9763,
68.7210

■ 37.7525, 24.8878,
19.1387

■ 72.0836, 76.4252,
83.3760

■ 35.1044, 21.1379,
13.4893

■ 81.3168, 90.5790,
99.7491

■ 33.1817, 18.5153,
9.0787

■ 84.5506, 94.5874,
108.4086

■ 31.9089, 16.8918,
5.8113

■ 31.1782, 16.0780,
3.5709

■ 31.0984, 15.9905,
3.3226

Harmonies

Analogous

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



50.1044, 43.9292, 57.2281



50.6620, 43.9292, 44.3371



48.7049, 43.9292, 34.3073

Triad

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



50.6620, 43.9292, 44.3371



36.7168, 43.9292, 31.3147



38.7419, 43.9292, 74.0155

Complementary

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



50.6620, 43.9292, 44.3371



53.1650, 65.5901, 72.8122

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.



35.4970, 43.9292, 64.5112



50.6620, 43.9292, 44.3371



34.3860, 43.9292, 39.5241

Square

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



50.6620, 43.9292, 44.3371



40.5147, 43.9292, 27.6997



33.9556, 43.9292, 51.5047



43.0170, 43.9292, 75.9164

Rectangle

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



50.6620, 43.9292, 44.3371



46.3130, 43.9292, 30.0457



33.9556, 43.9292, 51.5047



37.5033, 43.9292, 71.5331

Sweetspot

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



50.6632, 43.9313, 44.3380



85.2500, 85.0571, 91.2762



53.2551, 44.5623, 76.3159



17.9310, 17.7253, 18.9641



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.



50.6632, 43.9313, 44.3380



63.8658, 52.8033, 51.7331



53.4622, 51.1376, 40.3130



13.8029, 13.7388, 14.7321



18.1305, 9.3192, 2.0871



1.2859, 0.6576, 0.2982

Inverse Universe

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



50.6632, 43.9313, 44.3380



63.8658, 52.8033, 51.7331



49.4830, 55.9161, 78.7063



13.8029, 13.7388, 14.7321



18.1305, 9.3192, 2.0871



1.2859, 0.6576, 0.2982

Previews

White Background



This preview shows how the XYZ color 50.6620, 43.9292, 44.3371 looks on a white background.

Color Contrast Check

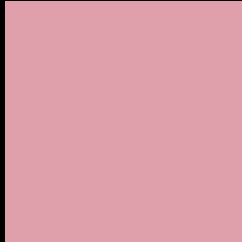
Large Text (above 18pt) WCAG AA × Fail

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 50.6620, 43.9292, 44.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

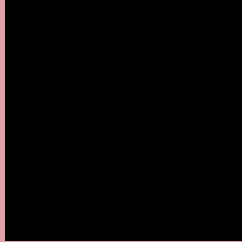
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6620, 43.9292, 44.3371

Background



This preview shows how black text looks on a background with the XYZ color 50.6620, 43.9292, 44.3371.



This preview shows how white text looks on a background with the XYZ color 50.6620, 43.9292,

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

50.6620, 43.9292, 44.3371

Protanopia

42.5859, 44.0493, 49.4379

Deuteranopia

45.0130, 43.9962, 43.6558



Tritanopia

50.7577, 43.9675, 44.8411

Trichromacy



Original Color

50.6620, 43.9292, 44.3371

Protanomaly

45.0755, 43.6595, 47.6464

Deuteranomaly

46.8065, 43.8051, 44.0185

Tritanomaly

50.7577, 43.9675, 44.8411

Monochromacy



Original Color

50.6620, 43.9292, 44.3371

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.6443, 44.7972, 47.8360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6620, 43.9292, 44.3371 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(224, 160, 171)` looks like.

```
.text, #text, p{  
    color:rgb(224, 160, 171)  
}
```

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(224, 160, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 160, 171) }
```

Border

The CSS property to change the border of an element to XYZ 50.6620, 43.9292, 44.3371 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(224, 160, 171) }
```


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

```
.border{ border-color:rgb(224, 160, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 160, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 160, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 160, 171);  
box-shadow:4px 4px 4px 4px rgb(224, 160,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6620, 43.9292, 44.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 160, 171) }
```

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

```
.background{ background-color: rgb(224,  
160, 171) }
```

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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