

Converting Colors

XYZ(50.6853, 44.1545, 42.3767)

Have a look what the booklet for
XYZ(50.6853, 44.1545, 42.3767)
contains.

XYZ(50.7713, 44.2873, 42.4316)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.7713, 44.2873,
42.4316)**

Conversions

Conversions Part 1

Format	Color
Hex	E1A1A7
RGB	225, 161, 167
RGB Percent	88%, 63%, 65%
CMY	0.1176, 0.3686, 0.3451
CMYK	0.00, 0.28, 0.26, 0.12
HSL	354°, 52%, 76%
HSV	354°, 28%, 88%
XYZ	50.7713, 44.2873, 42.4316
YIQ	180.8200, 36.2180, 15.4340

Conversions

Conversions Part 2

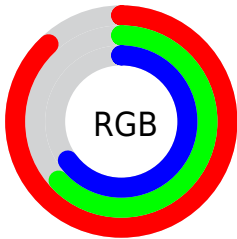
Format	Color
R_{YB}	225, 161, 167
Decimal	14786983
CIE _{Lab}	72.42, 24.57, 6.36
CIE _{LCh}	72, 25.382, 14.519
Yxy	44.2873, 0.3693, 0.3221
Android (android.graphics.Color)	4292977063 (0xFFE1A1A7)
YUV	180.8200, -6.8133, 38.7459
Hunter-Lab	66.5487, 19.7209, 8.7807

Details

The XYZ color **50.7713, 44.2873, 42.4316** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.4112, 66.5431, 76.9975**, and the grayscale version is **43.8467, 46.1302, 50.2357**.

A 20% lighter version of the original color is **78.9807, 75.6457, 79.5456**, and **24.7116, 20.4999, 18.8741** is the 20% darker color. If you saturate the color by 10%, you get **45.4485, 36.4243, 32.0784**, and if you desaturate by 10%, it is **57.1013, 53.6883, 54.5880**.

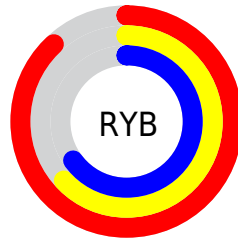
Distribution



Red (88%)

Green (63%)

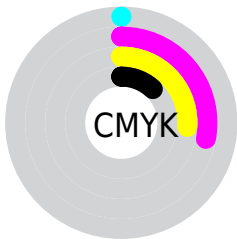
Blue (65%)



Red (88%)

Yellow (63%)

Blue (65%)

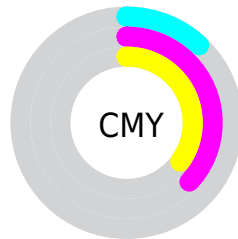


Cyan (0%)

Magenta (28%)

Yellow (26%)

Black (12%)



Cyan (12%)


Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7713, 44.2873, 42.4316 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 50.7713, 44.2873, 42.4316 by changing the saturation by 10% instead.


 50.7713, 44.2873,
42.4316


 50.7713, 44.2873,
42.4316


380.0769,
363.8794, 372.1213

 36.2469, 30.8964,
29.1113

 90.5016, 81.6499,
80.1295

 24.7960, 20.5200,
18.9187


 116.4383,
106.3904, 105.3443

 16.0530, 12.7736,
11.4354

146.9098,
135.6829, 135.3609

 9.6528, 7.2728,
6.2426

182.2815,
169.9118, 170.5979

 5.2298, 3.6333,
2.9220

222.9186,
209.4615, 211.4740

 2.4189, 1.4706,
1.0549

269.1867,

 0.8545, 0.2679,

254.7164, 258.4075

0.0000

321.4510,
306.0609, 311.8171

■ 0.0000, 0.0000,
0.0000

■ 50.7713, 44.2873,
42.4316

■ 50.7713, 44.2873,
42.4316

■ 45.4485, 36.4243,
32.0784

■ 57.1013, 53.6883,
54.5880

■ 41.0775, 30.0116,
23.4400

■ 64.4829, 64.6965,
68.6251

■ 37.6028, 24.9623,
16.4243

■ 72.9625, 77.3844,
84.6190

■ 34.9620, 21.1776,
10.9298

■ 82.5823, 91.8183,
102.6409

■ 33.0846, 18.5452,
6.8431

■ 84.8615, 94.7476,
108.4232

■ 31.8879, 16.9334,
4.0351

■ 31.2571, 16.1508,
2.3482

■ 31.1876, 16.0621,
2.1699

Harmonies

Analogous

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



50.7299, 44.2873, 54.9401



50.7713, 44.2873, 42.4316



48.3795, 44.2873, 33.2285

Triad

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



50.7713, 44.2873, 42.4316



36.4682, 44.2873, 33.0060



39.8886, 44.2873, 75.3566

Complementary

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



50.7713, 44.2873, 42.4316



54.4112, 66.5431, 76.9975

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.



36.3775, 44.2873, 67.1569



50.7713, 44.2873, 42.4316



34.4980, 44.2873, 42.0739

Square

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



50.7713, 44.2873, 42.4316



40.0204, 44.2873, 28.4611



34.4660, 44.2873, 54.5152



44.2375, 44.2873, 75.4976

Rectangle

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



50.7713, 44.2873, 42.4316



45.8165, 44.2873, 29.5828



34.4660, 44.2873, 54.5152



38.5784, 44.2873, 73.3956

Sweetspot

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



50.7725, 44.2894, 42.4325



84.9908, 84.9534, 89.9109



55.4300, 45.9262, 77.1777



17.8677, 17.7000, 18.6308



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.



50.7725, 44.2894, 42.4325



63.1765, 52.5275, 48.1031



55.1713, 53.9537, 41.2270



13.7591, 13.7213, 14.5018



17.9904, 9.2632, 1.3492



1.2651, 0.6493, 0.1890

Inverse Universe

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



50.7725, 44.2894, 42.4325



63.1765, 52.5275, 48.1031



48.8059, 54.0463, 79.0942



13.7591, 13.7213, 14.5018



17.9904, 9.2632, 1.3492



1.2651, 0.6493, 0.1890

Previews

White Background



This preview shows how the XYZ color 50.7713, 44.2873, 42.4316 looks on a white background.

Color Contrast Check

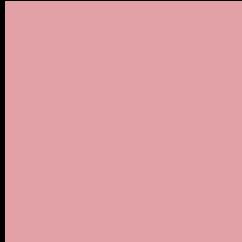
Large Text (above 18pt) WCAG AA × Fail

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 50.7713, 44.2873, 42.4316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

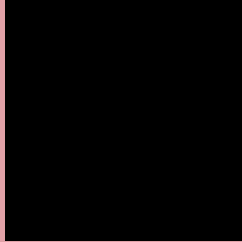
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7713, 44.2873, 42.4316

Background



This preview shows how black text looks on a background with the XYZ color 50.7713, 44.2873, 42.4316.



This preview shows how white text looks on a background with the XYZ color 50.7713, 44.2873,

42.4316.

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

50.7713, 44.2873, 42.4316

Protanopia

42.8500, 44.5240, 47.4098

Deuteranopia

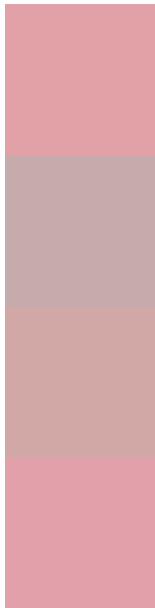
45.3635, 44.5010, 41.7960



Tritanopia

51.3812, 44.2889, 44.8703

Trichromacy



Original Color

50.7713, 44.2873, 42.4316

Protanomaly

45.3944, 44.1487, 45.6642

Deuteranomaly

47.1801, 44.3137, 42.1431

Tritanomaly

51.1905, 44.2126, 43.8661

Monochromacy



Original Color

50.7713, 44.2873, 42.4316

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.9985, 45.2770, 47.3893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7713, 44.2873, 42.4316 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(225, 161, 167)` looks like.

```
.text, #text, p{  
    color:rgb(225, 161, 167)  
}
```

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(225, 161, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 161, 167) }
```

Border

The CSS property to change the border of an element to XYZ 50.7713, 44.2873, 42.4316 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(225, 161, 167) }
```


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

```
.border{ border-color:rgb(225, 161, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 161, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 161, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 161, 167);  
box-shadow:4px 4px 4px 4px rgb(225, 161,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7713, 44.2873, 42.4316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 161, 167) }
```

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

```
.background{ background-color: rgb(225,  
161, 167) }
```

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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