

Converting Colors

XYZ(53.1451, 45.3187, 47.7677)

Have a look what the booklet for
XYZ(53.1451, 45.3187, 47.7677)
contains.

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Color

**XYZ(52.9938, 45.3221,
47.5499)**

Conversions

Conversions Part 1

Format	Color
Hex	E5A1B1
RGB	229, 161, 177
RGB Percent	90%, 63%, 69%
CMY	0.1020, 0.3686, 0.3059
CMYK	0.00, 0.30, 0.23, 0.10
HSL	346°, 57%, 76%
HSV	346°, 30%, 90%
XYZ	52.9938, 45.3221, 47.5499
YIQ	183.1560, 35.3920, 19.3920

Conversions

Conversions Part 2

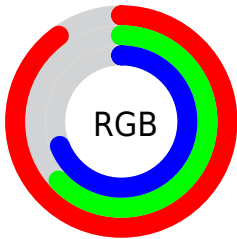
Format	Color
R _Y B	229, 161, 177
Decimal	15049137
CIE Lab	73.10, 27.46, 1.89
CIE LCh	73, 27.526, 3.935
Yxy	45.3221, 0.3633, 0.3107
Android (android.graphics.Color)	4293239217 (0xFFE5A1B1)
YUV	183.1560, -3.0349, 40.2052
Hunter-Lab	67.3217, 22.6974, 5.2481

Details

The XYZ color **52.9938, 45.3221, 47.5499** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.7295, 68.4209, 73.2763**, and the grayscale version is **45.0990, 47.4476, 51.6704**.

A 20% lighter version of the original color is **80.5038, 76.2549, 87.5665**, and **26.1836, 21.1886, 22.1118** is the 20% darker color. If you saturate the color by 10%, you get **47.7174, 37.3856, 37.7245**, and if you desaturate by 10%, it is **59.2296, 54.8181, 58.8014**.

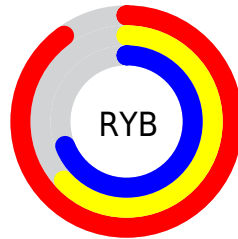
Distribution



Red (90%)

Green (63%)

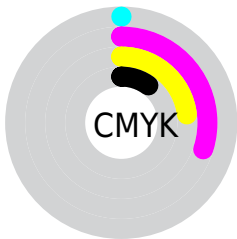
Blue (69%)



Red (90%)

Yellow (63%)

Blue (69%)

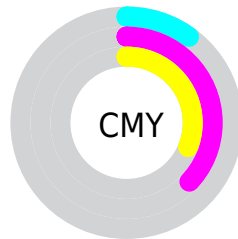


Cyan (0%)

Magenta (30%)

Yellow (23%)

Black (10%)



Cyan (10%)


Magenta (37%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9938, 45.3221, 47.5499 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 52.9938, 45.3221, 47.5499 by changing the saturation by 10% instead.


 52.9938, 45.3221,
47.5499


 52.9938, 45.3221,
47.5499


388.5226,
368.0765, 393.4624

 38.0253, 31.7112,
33.1131

 93.7608, 83.2035,
87.8924

 26.1796, 21.1410,
21.9413

 120.2900,
108.2429, 114.6353

 17.0914, 13.2271,
13.6159

151.4035,
137.8605, 146.3172

 10.3954, 7.5851,
7.7183

187.4667,
172.4408, 183.3568

 5.7262, 3.8306,
3.8300

228.8448,
212.3681, 226.1726

 2.7184, 1.5793,
1.5326

275.9032,

 1.0066, 0.3436,

258.0269, 275.1831

0.2420

329.0074,
309.8016, 330.8068

■ 0.0000, 0.0000,
0.0000

■ 52.9938, 45.3221,
47.5499

■ 52.9938, 45.3221,
47.5499

■ 47.7174, 37.3856,
37.7245

■ 59.2296, 54.8181,
58.8014

■ 43.3481, 30.9188,
29.2646

■ 66.4662, 65.9446,
71.5306

■ 39.8343, 25.8324,
22.1090

■ 74.7467, 78.7755,
85.7903

■ 37.1176, 22.0249,
16.1908

■ 84.1110, 93.3788,
101.6293

■ 35.1317, 19.3804,
11.4367

■ 86.1233, 95.3981,
108.4822

■ 33.7990, 17.7621,
7.7648

■ 32.9965, 16.9436,
5.0721

■ 32.9761, 16.9232,
5.0026

Harmonies

Analogous

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



51.9444, 45.3221, 61.9446



52.9938, 45.3221, 47.5499



51.2276, 45.3221, 35.9718

Triad

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



52.9938, 45.3221, 47.5499



38.1109, 45.3221, 30.4501



39.1345, 45.3221, 77.2167

Complementary

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



52.9938, 45.3221, 47.5499



54.7295, 68.4209, 73.2763

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.



35.8408, 45.3221, 65.6866



52.9938, 45.3221, 47.5499



35.2815, 45.3221, 38.5866

Square

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



52.9938, 45.3221, 47.5499



42.4448, 45.3221, 27.3335



34.4821, 45.3221, 51.1910



43.7161, 45.3221, 80.8231

Rectangle

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



52.9938, 45.3221, 47.5499



48.7631, 45.3221, 30.8617



34.4821, 45.3221, 51.1910



37.8516, 45.3221, 74.0455

Sweetspot

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



52.9951, 45.3242, 47.5508



85.4624, 85.1421, 92.3947



54.0407, 45.1462, 79.9950



17.9829, 17.7461, 19.2377



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.



52.9951, 45.3242, 47.5508



63.1081, 51.0196, 52.3073



54.6681, 51.0741, 40.6978



14.5152, 14.4233, 15.6476



18.8928, 9.6913, 3.0645



1.4316, 0.7303, 0.4133

Inverse Universe

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



52.9951, 45.3242, 47.5508



63.1081, 51.0196, 52.3073



52.3860, 60.3227, 83.0116



14.5152, 14.4233, 15.6476



18.8928, 9.6913, 3.0645



1.4316, 0.7303, 0.4133

Previews

White Background



This preview shows how the XYZ color 52.9938, 45.3221, 47.5499 looks on a white background.

Color Contrast Check

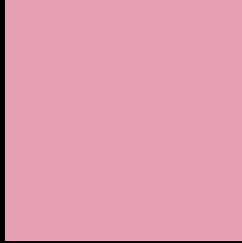
Large Text (above 18pt) WCAG AA × Fail

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 52.9938, 45.3221, 47.5499 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 52.9938, 45.3221, 47.5499

Background



This preview shows how black text looks on a background with the XYZ color 52.9938, 45.3221, 47.5499.



This preview shows how white text looks on a background with the XYZ color 52.9938, 45.3221,

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

52.9938, 45.3221, 47.5499

Protanopia

44.1458, 45.6518, 53.4987

Deuteranopia

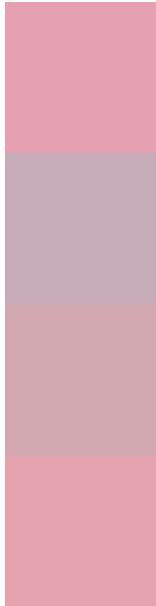
46.4271, 45.5094, 46.8947



Tritanopia

52.8734, 45.5547, 46.0506

Trichromacy



Original Color

52.9938, 45.3221, 47.5499

Protanomaly

46.5885, 44.9297, 51.0166

Deuteranomaly

48.6028, 45.2122, 47.2395

Tritanomaly

52.9713, 45.5938, 46.5660

Monochromacy



Original Color

52.9938, 45.3221, 47.5499

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.4899, 46.2755, 50.1451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9938, 45.3221, 47.5499 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, 161, 177)` looks like.

```
.text, #text, p{  
    color:rgb(229, 161, 177)  
}
```

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, 161, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 161, 177) }
```

Border

The CSS property to change the border of an element to XYZ 52.9938, 45.3221, 47.5499 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, 161, 177) }
```


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

```
.border{ border-color:rgb(229, 161, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 161, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 161, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 161, 177);  
box-shadow:4px 4px 4px 4px rgb(229, 161,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9938, 45.3221, 47.5499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 161, 177) }
```

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

```
.background{ background-color: rgb(229,  
161, 177) }
```

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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