

Converting Colors

XYZ(53.2932, 47.1600, 43.8301)

Have a look what the booklet for
XYZ(53.2932, 47.1600, 43.8301)
contains.

XYZ(53.2932, 47.1600, 43.8301)	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(53.2932, 47.1600,
43.8301)**

Conversions

Conversions Part 1

Format	Color
Hex	E5A7A9
RGB	229, 167, 169
RGB Percent	90%, 65%, 66%
CMY	0.1020, 0.3451, 0.3372
CMYK	0.00, 0.27, 0.26, 0.10
HSL	358°, 54%, 78%
HSV	358°, 27%, 90%
XYZ	53.2932, 47.1600, 43.8301
YIQ	185.7660, 36.3100, 13.7660

Conversions

Conversions Part 2

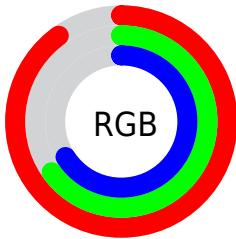
Format	Color
R _Y B	229, 167, 169
Decimal	15050665
CIE Lab	74.29, 23.11, 8.00
CIE LCh	74, 24.458, 19.100
Yxy	47.1600, 0.3694, 0.3269
Android (android.graphics.Color)	4293240745 (0xFFE5A7A9)
YUV	185.7660, -8.2656, 37.9162
Hunter-Lab	68.6731, 18.3454, 10.2298

Details

The XYZ color **53.2932, 47.1600, 43.8301** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.8227, 69.8011, 83.1018**, and the grayscale version is **46.5728, 48.9982, 53.3591**.

A 20% lighter version of the original color is **80.8158, 78.8844, 81.4878**, and **26.3549, 22.3165, 19.7481** is the 20% darker color. If you saturate the color by 10%, you get **47.5562, 38.7381, 32.5081**, and if you desaturate by 10%, it is **60.1283, 57.2130, 57.2591**.

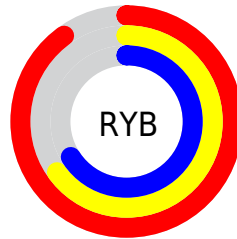
Distribution



Red (90%)

Green (65%)

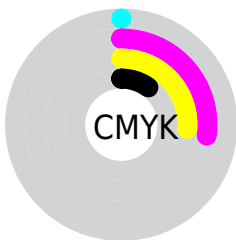
Blue (66%)



Red (90%)

Yellow (65%)

Blue (66%)

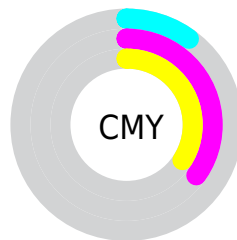


Cyan (0%)

Magenta (27%)

Yellow (26%)

Black (10%)



Cyan (10%)


Magenta (35%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2932, 47.1600, 43.8301 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 53.2932, 47.1600, 43.8301 by changing the saturation by 10% instead.


 53.2932, 47.1600,
43.8301

 53.2932, 47.1600,
43.8301


389.6515,
375.4528, 378.0356

 38.2653, 33.1622,
30.2007


 94.1987, 85.9524,
82.2618

 26.3668, 22.2507,
19.7377


 120.8069,
111.5158, 107.9012

 17.2324, 14.0412,
12.0223

152.0060,
141.7031, 138.3810

 10.4966, 8.1493,
6.6362

188.1613,
176.8987, 174.1198

 5.7942, 4.1907,
3.1606

229.6382,
217.4871, 215.5361

 2.7598, 1.7808,
1.1772

276.8019,

 1.0281, 0.4752,

263.8527, 263.0485

0.0000

330.0179,
316.3798, 317.0755

■ 0.0000, 0.0000,
0.0000

■ 53.2932, 47.1600,
43.8301

■ 53.2932, 47.1600,
43.8301

■ 47.5562, 38.7381,
32.5081

■ 60.1283, 57.2130,
57.2591

■ 42.8565, 31.8552,
23.1834

■ 68.1104, 68.9696,
72.8913

■ 39.1333, 26.4202,
15.7412

■ 77.2903, 82.5062,
90.8206

■ 36.3178, 22.3298,
10.0533

■ 86.1232, 95.3980,
108.4822

■ 34.3323, 19.4668,
5.9759

■ 33.0863, 17.6943,
3.3425

■ 32.4643, 16.8349,
1.9490

■ 32.3535, 16.6742,
1.7249

Harmonies

Analogous

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



53.6450, 47.1600, 56.0631



53.2932, 47.1600, 43.8301



50.5880, 47.1600, 35.1424

Triad

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



53.2932, 47.1600, 43.8301



38.7353, 47.1600, 37.0772



43.2451, 47.1600, 78.9695

Complementary

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



53.2932, 47.1600, 43.8301



57.8227, 69.8011, 83.1018

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.



39.5157, 47.1600, 71.9007



53.2932, 47.1600, 43.8301



37.0275, 47.1600, 46.9073

Square

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



53.2932, 47.1600, 43.8301



42.1155, 47.1600, 31.7067



37.3035, 47.1600, 59.6826



47.6466, 47.1600, 77.7822

Rectangle

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



53.2932, 47.1600, 43.8301



47.9070, 47.1600, 31.8957



37.3035, 47.1600, 59.6826



41.8765, 47.1600, 77.4396

Sweetspot

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



53.2945, 47.1622, 43.8311



85.8664, 86.4609, 90.9548



59.6203, 49.6168, 80.5635



18.0331, 17.9965, 18.7913



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.



53.2945, 47.1622, 43.8311



64.0995, 54.4364, 48.2170



59.0143, 58.8995, 44.8204



14.3957, 14.3755, 15.0182



18.5065, 9.5368, 1.0304



1.3742, 0.7074, 0.1113

Inverse Universe

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



53.2945, 47.1622, 43.8311



64.0995, 54.4364, 48.2170



50.7508, 55.2140, 82.1114



14.3957, 14.3755, 15.0182



18.5065, 9.5368, 1.0304



1.3742, 0.7074, 0.1113

Previews

White Background



This preview shows how the XYZ color 53.2932, 47.1600, 43.8301 looks on a white background.

Color Contrast Check

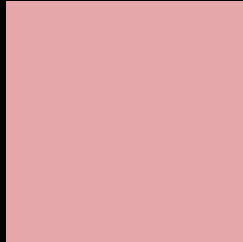
Large Text (above 18pt) WCAG AA × Fail

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 53.2932, 47.1600, 43.8301 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 53.2932, 47.1600, 43.8301

Background



This preview shows how black text looks on a background with the XYZ color 53.2932, 47.1600, 43.8301.



This preview shows how white text looks on a background with the XYZ color 53.2932, 47.1600,

43.8301.

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

53.2932, 47.1600, 43.8301

Protanopia

45.4028, 47.3216, 48.3360

Deuteranopia

48.4293, 47.4997, 43.1751



Tritanopia

54.3052, 47.3098, 48.3890

Trichromacy



Original Color

53.2932, 47.1600, 43.8301

Protanomaly

47.9907, 47.1968, 46.6249

Deuteranomaly

50.0358, 47.1614, 43.5117

Tritanomaly

54.0072, 47.1906, 46.8196

Monochromacy



Original Color

53.2932, 47.1600, 43.8301

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.7154, 48.0920, 49.8951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2932, 47.1600, 43.8301 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, 167, 169)` looks like.

```
.text, #text, p{  
    color:rgb(229, 167, 169)  
}
```

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, 167, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 167, 169) }
```

Border

The CSS property to change the border of an element to XYZ 53.2932, 47.1600, 43.8301 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, 167, 169) }
```


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

```
.border{ border-color:rgb(229, 167, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 167, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 167, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 167, 169);  
box-shadow:4px 4px 4px 4px rgb(229, 167,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2932, 47.1600, 43.8301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 167, 169) }
```

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

```
.background{ background-color: rgb(229,  
167, 169) }
```

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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