

Converting Colors

XYZ(53.2305, 48.4934, 42.4742)

Have a look what the booklet for
XYZ(53.2305, 48.4934, 42.4742)
contains.

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Color

**XYZ(53.3140, 48.5891,
42.6451)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E3ACA6 |
| RGB | 227, 172, 166 |
| RGB Percent | 89%, 67%, 65% |
| CMY | 0.1098, 0.3255, 0.3490 |
| CMYK | 0.00, 0.24, 0.27, 0.11 |
| HSL | 6°, 52%, 77% |
| HSV | 6°, 27%, 89% |
| XYZ | 53.3140, 48.5891, 42.6451 |
| YIQ | 187.7610, 34.7060, 9.7940 |

Conversions

Conversions Part 2

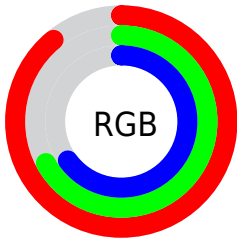
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 227, 173, 166 |
| Decimal | 14920870 |
| CIE Lab | 75.19, 19.27, 10.90 |
| CIE LCh | 75, 22.143, 29.497 |
| Yxy | 48.5891, 0.3688, 0.3361 |
| Android (android.graphics.Color) | 4293110950 (0xFFE3ACA6) |
| YUV | 187.7610, -10.7282, 34.4126 |
| Hunter-Lab | 69.7059, 14.5390, 12.5213 |

Details

The XYZ color **53.3140, 48.5891, 42.6451** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.4467, 65.3640, 82.3674**, and the grayscale version is **47.7106, 50.1952, 54.6626**.

A 20% lighter version of the original color is **82.0345, 81.9673, 79.9042**, and **26.2117, 22.9546, 18.9688** is the 20% darker color. If you saturate the color by 10%, you get **47.8132, 40.6307, 31.4289**, and if you desaturate by 10%, it is **59.7848, 57.8987, 55.9989**.

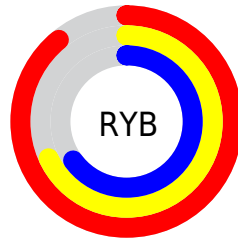
Distribution



Red (89%)

Green (67%)

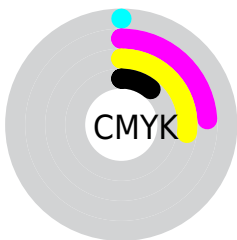
Blue (65%)



Red (89%)

Yellow (68%)

Blue (65%)

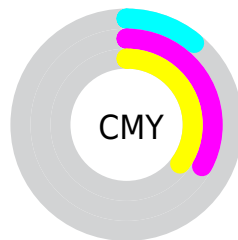


Cyan (0%)

Magenta (24%)

Yellow (27%)

Black (11%)



Cyan (11%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3140, 48.5891, 42.6451 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 53.3140, 48.5891, 42.6451 by changing the saturation by 10% instead.


 53.3140, 48.5891,
42.6451

 53.3140, 48.5891,
42.6451


389.7298,
381.1224, 373.0284

 38.2820, 34.2936,
29.2774

 94.2291, 88.0809,
80.4556

 26.3798, 23.1193,
19.0434


 120.8428,
114.0460, 105.7356

 17.2422, 14.6816,
11.5245


152.0479,
144.6697, 135.8233

 10.5037, 8.5962,
6.3022

188.2095,
180.3366, 171.1374

 5.7990, 4.4788,
2.9580

229.6932,
221.4309, 212.0965

 2.7627, 1.9448,
1.0732

276.8643,

 1.0296, 0.5751,

268.3370, 259.1190

0.0000

330.0880,
321.4394, 312.6234

0.0000, 0.0000,
0.0000

53.3140, 48.5891,
42.6451

53.3140, 48.5891,
42.6451

47.8132, 40.6307,
31.4289

59.7848, 57.8987,
55.9989

43.2317, 33.9543,
22.2365

67.2653, 68.6110,
71.5902

39.5204, 28.4946,
14.9479

75.7975, 80.7832,
89.5161

36.6238, 24.1782,
9.4294

85.1286, 94.3508,
108.3325

34.4799, 20.9235,
5.5297

85.4886, 95.0709,
108.4525

■ 33.0177, 18.6381,
3.0723

■ 32.1507, 17.2129,
1.8318

■ 31.9722, 16.9180,
1.5804

Harmonies

Analogous

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



54.4347, 48.5891, 53.1016



53.3140, 48.5891, 42.6451



50.2583, 48.5891, 35.8890

Triad

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



53.3140, 48.5891, 42.6451



39.7791, 48.5891, 42.3515



46.1140, 48.5891, 78.5517

Complementary

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



53.3140, 48.5891, 42.6451



55.4467, 65.3640, 82.3674

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.



42.3332, 48.5891, 74.5952



53.3140, 48.5891, 42.6451



38.8095, 48.5891, 52.7094

Square

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



53.3140, 48.5891, 42.6451



42.4452, 48.5891, 35.7378



39.7171, 48.5891, 64.6918



50.1329, 48.5891, 74.8420

Rectangle

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



53.3140, 48.5891, 42.6451



47.6198, 48.5891, 33.8306



39.7171, 48.5891, 64.6918



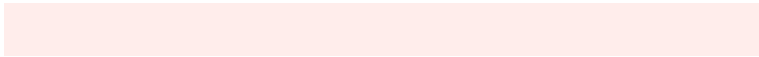
44.7744, 48.5891, 78.0664

Sweetspot

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



53.3153, 48.5914, 42.6461



86.3485, 87.5767, 90.6475



58.4888, 48.8733, 75.3998



18.1532, 18.2745, 18.7149



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.



53.3153, 48.5914, 42.6461



65.4335, 57.5164, 47.3915



59.5848, 61.1303, 44.7359



14.4905, 14.5950, 14.9578



18.6844, 9.9430, 0.9344



1.4197, 0.8128, 0.0821

Inverse Universe

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



55.4467, 65.3640, 82.3674



68.6231, 82.6518, 106.9443



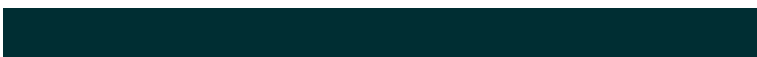
48.3133, 51.0972, 79.9896



14.6798, 16.0811, 18.4746



20.8188, 28.6997, 46.8255



1.5738, 2.1914, 3.4720

Previews

White Background



This preview shows how the XYZ color 53.3140, 48.5891, 42.6451 looks on a white background.

Color Contrast Check

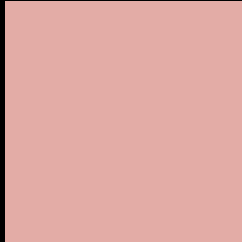
Large Text (above 18pt) WCAG AA × Fail

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 53.3140, 48.5891, 42.6451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

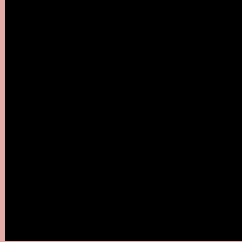
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3140, 48.5891, 42.6451

Background



This preview shows how black text looks on a background with the XYZ color 53.3140, 48.5891, 42.6451.



This preview shows how white text looks on a background with the XYZ color 53.3140, 48.5891,

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

53.3140, 48.5891, 42.6451

Protanopia

46.6300, 48.9215, 46.5203

Deuteranopia

49.7756, 48.8057, 42.3943



Tritanopia

55.0483, 48.4528, 51.2507

Trichromacy



Original Color

53.3140, 48.5891, 42.6451

Protanomaly

48.7538, 48.5239, 44.8267

Deuteranomaly

50.9321, 48.5190, 42.2780

Tritanomaly

54.3054, 48.4178, 48.0783

Monochromacy



Original Color

53.3140, 48.5891, 42.6451

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.3233, 49.3077, 50.0977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3140, 48.5891, 42.6451 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(227, 172, 166)` looks like.

```
.text, #text, p{  
    color:rgb(227, 172, 166)  
}
```

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(227, 172, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 172, 166) }
```

Border

The CSS property to change the border of an element to XYZ 53.3140, 48.5891, 42.6451 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(227, 172, 166) }
```


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

```
.border{ border-color:rgb(227, 172, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 172, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 172, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 172, 166); box-shadow:4px 4px 4px 4px rgb(227, 172, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3140, 48.5891, 42.6451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 172, 166) }
```

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

```
.background{ background-color: rgb(227,  
172, 166) }
```

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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