

Converting Colors

XYZ(53.8933, 55.6078, 24.4228)

Have a look what the booklet for
XYZ(53.8933, 55.6078, 24.4228)
contains.

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Color

**XYZ(53.9009, 55.7318,
24.4394)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E3C174 |
| RGB | 227, 193, 116 |
| RGB Percent | 89%, 76%, 45% |
| CMY | 0.1098, 0.2431, 0.5451 |
| CMYK | 0.00, 0.15, 0.49, 0.11 |
| HSL | 42°, 66%, 67% |
| HSV | 42°, 49%, 89% |
| XYZ | 53.9009, 55.7318, 24.4394 |
| YIQ | 194.3880, 44.9810, -16.7390 |

Conversions

Conversions Part 2

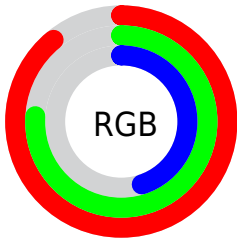
| Format | Color |
|-------------------------------------|--------------------------------|
| R_YB | 165, 227, 116 |
| Decimal | 14926196 |
| CIE _{Lab} | 79.46, 2.39, 43.04 |
| CIE _{LCh} | 79, 43.108, 86.818 |
| Yxy | 55.7318, 0.4020, 0.4157 |
| Android (android.graphics.Color) | 4293116276 (0xFFE3C174) |
| YUV | 194.3880, -38.6453, 28.6007 |
| Hunter-Lab | 74.6537, -1.7649, 32.8478 |

Details

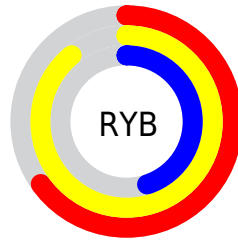
The XYZ color **53.9009, 55.7318, 24.4394** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **31.9735, 31.0705, 76.9848**, and the grayscale version is **51.7126, 54.4057, 59.2478**.

A 20% lighter version of the original color is **82.2771, 91.8759, 50.9335**, and **26.7236, 27.5845, 9.0701** is the 20% darker color. If you saturate the color by 10%, you get **51.2379, 52.2671, 17.8143**, and if you desaturate by 10%, it is **56.9615, 59.4753, 32.7898**.

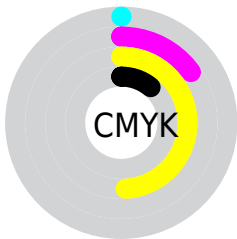
Distribution



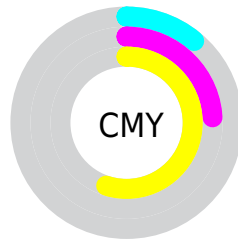
- Red (89%)
- Green (76%)
- Blue (45%)



- Red (65%)
- Yellow (89%)
- Blue (45%)



- Cyan (0%)
- Magenta (15%)
- Yellow (49%)
- Black (11%)



- Cyan (11%)
- Magenta (24%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9009, 55.7318, 24.4394 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 53.9009, 55.7318, 24.4394 by changing the saturation by 10% instead.

■ 53.9009, 55.7318,
24.4394

■ 53.9009, 55.7318,
24.4394

391.9365,
408.6800, 288.3922

■ 38.7528, 39.9879,
15.4447

■ 95.0865, 98.6123,
51.6991

■ 26.7473, 27.5291,
8.9820

■ 121.8546,
126.5178, 70.8011

■ 17.5192, 17.9710,
4.6328

■ 153.2269,
159.2459, 94.1094

■ 10.7029, 10.9292,
1.9785

189.5685,
197.1810, 122.0423

■ 5.9332, 6.0192,
0.5420

231.2450,
240.7076, 155.0185

■ 2.8448, 2.8568,
0.0000

278.6216,

■ 1.0722, 1.0574,

290.2100, 193.4566

0.0000

332.0636,
346.0727, 237.7750

■ 0.0017, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9009, 55.7318,
24.4394

■ 53.9009, 55.7318,
24.4394

■ 51.2379, 52.2671,
17.8143

■ 56.9615, 59.4753,
32.7898

■ 48.9436, 49.0618,
12.7848


■ 60.4380, 63.5003,
42.9758


■ 46.9910, 46.1056,
9.2083


■ 64.3525, 67.8191,
55.1022


■ 45.3470, 43.3837,
6.9150


■ 68.7241, 72.4409,
69.2650

 43.9610, 40.8741,
5.6443


 73.5706, 77.3742,
85.5539

 43.8167, 40.6074,
5.5286

 78.9088, 82.6272,
104.0531

 81.3824, 86.8588,
107.0839

 83.4874, 91.0688,
107.7855

 85.4884, 95.0708,
108.4525

Harmonies

Analogous

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



62.6158, 55.7318, 28.8847



53.9009, 55.7318, 24.4394



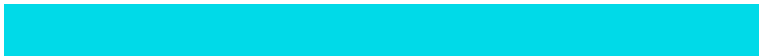
45.8095, 55.7318, 27.3011

Triad

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



53.9009, 55.7318, 24.4394



39.4591, 55.7318, 84.8365



68.1630, 55.7318, 90.6979

Complementary

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



53.9009, 55.7318, 24.4394



31.9735, 31.0705, 76.9848

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.



60.8434, 55.7318, 113.9570



53.9009, 55.7318, 24.4394



44.3719, 55.7318, 109.9758

Square

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



53.9009, 55.7318, 24.4394



38.0264, 55.7318, 58.0742



52.0527, 55.7318, 121.8257



71.3942, 55.7318, 63.3677

Rectangle

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



53.9009, 55.7318, 24.4394



41.7351, 55.7318, 33.5522



52.0527, 55.7318, 121.8257



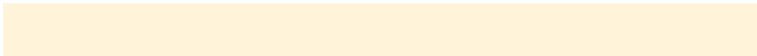
66.0626, 55.7318, 99.5093

Sweetspot

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



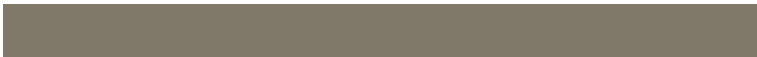
53.9023, 55.7344, 24.4405



85.8680, 90.5291, 78.4234



43.5223, 31.0614, 33.0442



18.1271, 19.1078, 15.9764



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.



53.9023, 55.7344, 24.4405



66.5485, 67.8342, 22.8295



56.2560, 69.4140, 26.9569



15.2096, 16.0331, 15.1975



25.6618, 23.8978, 3.2602



1.9775, 1.9284, 0.2680

Inverse Universe

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



31.9735, 31.0705, 76.9848



34.8295, 32.2092, 98.9890



30.3213, 23.3011, 75.5722



13.9410, 14.6034, 18.2283



9.4366, 5.9353, 43.0314



0.7772, 0.5984, 3.2065

Previews

White Background



This preview shows how the XYZ color 53.9009, 55.7318, 24.4394 looks on a white background.

Color Contrast Check

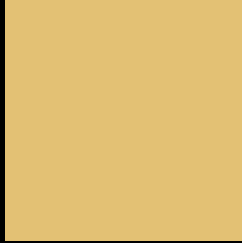
Large Text (above 18pt) WCAG AA × Fail

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 53.9009, 55.7318, 24.4394 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 53.9009, 55.7318, 24.4394

Background



This preview shows how black text looks on a background with the XYZ color 53.9009, 55.7318, 24.4394.



This preview shows how white text looks on a background with the XYZ color 53.9009, 55.7318,

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

53.9009, 55.7318, 24.4394

Protanopia

51.5552, 55.8394, 25.2004

Deuteranopia

56.7907, 55.6015, 24.5686



Tritanopia

61.2725, 55.5604, 60.3181

Trichromacy



Original Color

53.9009, 55.7318, 24.4394

Protanomaly

52.4660, 55.9799, 24.8696

Deuteranomaly

55.8853, 55.7734, 24.6495

Tritanomaly

58.1169, 55.5236, 44.6998

Monochromacy



Original Color

53.9009, 55.7318, 24.4394

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.6283, 54.4586, 43.8668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9009, 55.7318, 24.4394 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, 193, 116)` looks like.

```
.text, #text, p{  
    color:rgb(227, 193, 116)  
}
```

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, 193, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 193, 116) }
```

Border

The CSS property to change the border of an element to XYZ 53.9009, 55.7318, 24.4394 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, 193, 116) }
```


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

```
.border{ border-color:rgb(227, 193, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 193, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 193, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 193, 116);  
box-shadow:4px 4px 4px 4px rgb(227, 193,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9009, 55.7318, 24.4394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 193, 116) }
```

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

```
.background{ background-color: rgb(227,  
193, 116) }
```

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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