

Converting Colors

XYZ(54.4908, 50.0924, 26.0797)

Have a look what the booklet for
XYZ(54.4908, 50.0924, 26.0797)
contains.

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Color

**XYZ(54.4343, 50.1035,
26.2040)**

Conversions

Conversions Part 1

Format	Color
Hex	EFAE7D
RGB	239, 174, 125
RGB Percent	94%, 68%, 49%
CMY	0.0627, 0.3176, 0.5098
CMYK	0.00, 0.27, 0.48, 0.06
HSL	26°, 78%, 71%
HSV	26°, 48%, 94%
XYZ	54.4343, 50.1035, 26.2040
YIQ	187.8490, 54.4690, -1.4590

Conversions

Conversions Part 2

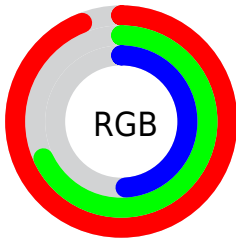
Format	Color
R _Y B	239, 211, 125
Decimal	15707773
CIE Lab	76.13, 18.10, 34.45
CIE LCh	76, 38.912, 62.281
Yxy	50.1035, 0.4163, 0.3832
Android (android.graphics.Color)	4293897853 (0xFFEFAE7D)
YUV	187.8490, -30.9846, 44.8594
Hunter-Lab	70.7838, 13.3987, 27.5997

Details

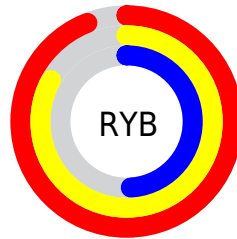
The XYZ color **54.4343, 50.1035, 26.2040** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.4500, 47.4168, 88.5760**, and the grayscale version is **47.8640, 50.3567, 54.8384**.

A 20% lighter version of the original color is **77.5727, 81.0680, 53.6786**, and **26.9298, 23.8860, 9.8477** is the 20% darker color. If you saturate the color by 10%, you get **50.5873, 44.5659, 18.2739**, and if you desaturate by 10%, it is **58.9182, 56.3270, 36.1595**.

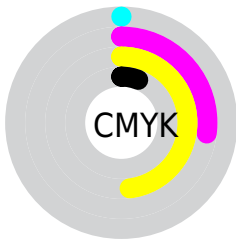
Distribution



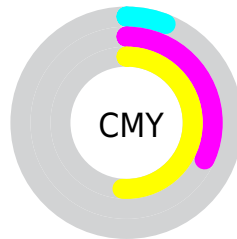
- Red (94%)
- Green (68%)
- Blue (49%)



- Red (94%)
- Yellow (83%)
- Blue (49%)



- Cyan (0%)
- Magenta (27%)
- Yellow (48%)
- Black (6%)




- Cyan (6%)
- Magenta (32%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4343, 50.1035, 26.2040 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 54.4343, 50.1035, 26.2040 by changing the saturation by 10% instead.


 54.4343, 50.1035,
26.2040

 54.4343, 50.1035,
26.2040


393.9354,
387.0706, 297.4193

 39.1810, 35.4956,
16.7492


 95.8648, 90.3282,
54.5920

 27.0819, 24.0449,
9.8958


 122.7727,
116.7138, 74.3622

 17.7717, 15.3669,
5.2252


 154.2962,
147.7942, 98.4080

 10.8849, 9.0773,
2.3190

190.8007,
183.9537, 127.1479

 6.0562, 4.7917,
0.7418

232.6515,
225.5766, 161.0005

 2.9203, 2.1255,
0.0000

280.2140,

 1.1117, 0.6789,

273.0475, 200.3842

0.0000

333.8535,
326.7507, 245.7176

■ 0.0349, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4343, 50.1035,
26.2040

■ 54.4343, 50.1035,
26.2040

■ 50.5873, 44.5659,
18.2739

■ 58.9182, 56.3270,
36.1595

■ 47.3387, 39.6805,
12.2227

■ 64.0670, 63.2540,
48.2672

■ 44.6512, 35.4207,
7.8882

■ 69.9114, 70.9102,
62.6466

■ 42.4800, 31.7549,
5.0790

■ 76.4786, 79.3180,
79.4077

■ 40.7679, 28.6453,
3.5384

■ 83.7946, 88.4983,
98.6532

■ 40.4208, 27.9994,
3.2740

■ 89.4065, 97.0906,
108.6359

Harmonies

Analogous

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



60.4642, 50.1035, 35.8219



54.4343, 50.1035, 26.2040



47.0669, 50.1035, 23.5004

Triad

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



54.4343, 50.1035, 26.2040



34.9593, 50.1035, 56.1655



55.4961, 50.1035, 95.9522

Complementary

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



54.4343, 50.1035, 26.2040



42.4500, 47.4168, 88.5760

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.



48.1812, 50.1035, 105.2179



54.4343, 50.1035, 26.2040



36.7403, 50.1035, 78.8888

Square

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



54.4343, 50.1035, 26.2040



36.2737, 50.1035, 37.9507



41.4029, 50.1035, 98.2961



61.1198, 50.1035, 75.4071

Rectangle

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



54.4343, 50.1035, 26.2040



42.5091, 50.1035, 25.2304



41.4029, 50.1035, 98.2961



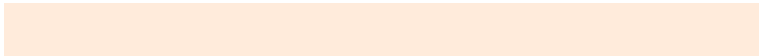
53.1290, 50.1035, 100.6955

Sweetspot

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



54.4355, 50.1059, 26.2050



83.6729, 85.6047, 79.3384



52.3895, 36.8020, 53.9218



17.5665, 17.8815, 16.1136



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.



54.4355, 50.1059, 26.2050



58.8131, 51.9335, 21.5765



67.4560, 76.1470, 30.5452



16.3316, 16.8762, 16.5464



22.4620, 15.7221, 1.8508



1.9655, 1.5017, 0.1863

Inverse Universe

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



42.4500, 47.4168, 88.5760



43.4005, 48.4397, 101.6701



32.6322, 27.7813, 85.3034



15.6453, 16.7248, 20.1252



13.6284, 13.4811, 47.0117



1.2323, 1.3187, 3.9438

Previews

White Background



This preview shows how the XYZ color 54.4343, 50.1035, 26.2040 looks on a white background.

Color Contrast Check

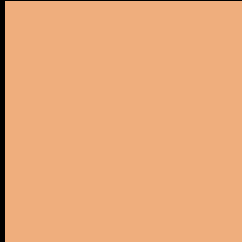
Large Text (above 18pt) WCAG AA × Fail

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 54.4343, 50.1035, 26.2040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

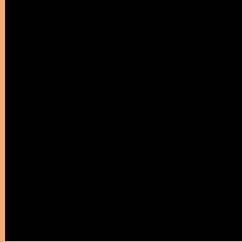
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4343, 50.1035, 26.2040

Background



This preview shows how black text looks on a background with the XYZ color 54.4343, 50.1035, 26.2040.



This preview shows how white text looks on a background with the XYZ color 54.4343, 50.1035,

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

54.4343, 50.1035, 26.2040

Protanopia

46.7086, 50.3016, 28.7201

Deuteranopia

51.3234, 50.2665, 26.0662



Tritanopia

59.3652, 50.1658, 49.7341

Trichromacy



Original Color

54.4343, 50.1035, 26.2040

Protanomaly

49.2148, 50.0509, 27.8358

Deuteranomaly

52.5135, 50.2849, 26.0070

Tritanomaly

57.3378, 50.1648, 39.9184

Monochromacy



Original Color

54.4343, 50.1035, 26.2040

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.4571, 49.8490, 42.6125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4343, 50.1035, 26.2040 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(239, 174, 125)` looks like.

```
.text, #text, p{  
    color:rgb(239, 174, 125)  
}
```

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(239, 174, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 174, 125) }
```

Border

The CSS property to change the border of an element to XYZ 54.4343, 50.1035, 26.2040 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(239, 174, 125) }
```


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

```
.border{ border-color:rgb(239, 174, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 174, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 174, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 174, 125);  
box-shadow:4px 4px 4px 4px rgb(239, 174,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4343, 50.1035, 26.2040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 174, 125) }
```

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

```
.background{ background-color: rgb(239,  
174, 125) }
```

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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