

Converting Colors

XYZ(50.5590, 44.4310, 24.1528)

Have a look what the booklet for
XYZ(50.5590, 44.4310, 24.1528)
contains.

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Color

**XYZ(50.6141, 44.3550,
23.9829)**

Conversions

Conversions Part 1

Format	Color
Hex	ECA079
RGB	236, 160, 121
RGB Percent	93%, 63%, 47%
CMY	0.0745, 0.3725, 0.5255
CMYK	0.00, 0.32, 0.49, 0.07
HSL	20°, 75%, 70%
HSV	20°, 49%, 93%
XYZ	50.6141, 44.3550, 23.9829
YIQ	178.2780, 57.8150, 3.9830

Conversions

Conversions Part 2

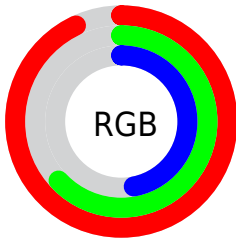
Format	Color
R _Y B	236, 180, 121
Decimal	15507577
CIE Lab	72.47, 23.96, 31.74
CIE LCh	72, 39.768, 52.956
Yxy	44.3550, 0.4255, 0.3729
Android (android.graphics.Color)	4293697657 (0xFFECA079)
YUV	178.2780, -28.2381, 50.6222
Hunter-Lab	66.5995, 19.1066, 25.2690

Details

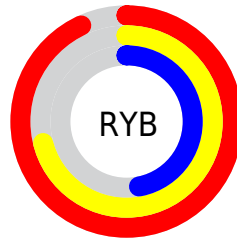
The XYZ color **50.6141, 44.3550, 23.9829** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.9907, 50.0513, 86.7517**, and the grayscale version is **42.5887, 44.8066, 48.7944**.

A 20% lighter version of the original color is **73.1804, 72.9169, 50.2617**, and **24.6637, 20.5401, 8.7956** is the 20% darker color. If you saturate the color by 10%, you get **46.8041, 38.7747, 16.4251**, and if you desaturate by 10%, it is **55.1195, 50.7596, 33.5197**.

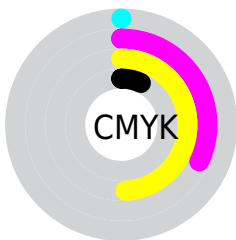
Distribution



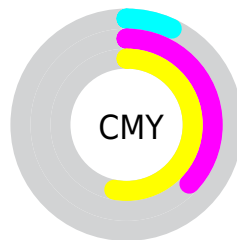
- Red (93%)
- Green (63%)
- Blue (47%)



- Red (93%)
- Yellow (71%)
- Blue (47%)



- Cyan (0%)
- Magenta (32%)
- Yellow (49%)
- Black (7%)





- Cyan (7%)
- Magenta (37%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6141, 44.3550, 23.9829 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 50.6141, 44.3550, 23.9829 by changing the saturation by 10% instead.


 50.6141, 44.3550,
23.9829


 50.6141, 44.3550,
23.9829


379.4750,
364.1550, 286.0178

 36.1214, 30.9497,
15.1089

 90.2705, 81.7517,
50.9458

 24.6985, 20.5605,
8.7483


 116.1649,
106.5118, 69.8717

 15.9801, 12.8032,
4.4828


 146.5905,
135.8257, 92.9853

 9.6008, 7.2931,
1.8938

181.9127,
170.0777, 120.7052

 5.1953, 3.6461,
0.4888

222.4970,
209.6523, 153.4498

 2.3983, 1.4776,
0.0000

268.7085,

 0.8442, 0.2729,

254.9337, 191.6377

0.0000

320.9127,
306.3065, 235.6876

■ 0.0000, 0.0000,
0.0000

■ 50.6141, 44.3550,
23.9829

■ 50.6141, 44.3550,
23.9829

■ 46.8041, 38.7747,
16.4251

■ 55.1195, 50.7596,
33.5197

■ 43.6473, 33.9766,
10.7013

■ 60.3525, 58.0152,
45.1614

■ 41.1018, 29.9243,
6.6501

■ 66.3470, 66.1550,
59.0263

■ 39.1179, 26.5755,
4.0808

■ 73.1338, 75.2087,
75.2229

■ 37.6279, 23.8785,
2.7120

■ 80.7419, 85.2043,
93.8530

■ 37.4640, 23.5769,
2.5762

■ 87.9502, 95.6693,
108.4383

■ 88.4020, 96.5728,
108.5889

Harmonies

Analogous

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



55.5076, 44.3550, 35.0092



50.6141, 44.3550, 23.9829



43.7965, 44.3550, 19.6686

Triad

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



50.6141, 44.3550, 23.9829



30.3756, 44.3550, 43.8088



47.5146, 44.3550, 92.0990

Complementary

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



50.6141, 44.3550, 23.9829



42.9907, 50.0513, 86.7517

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.



40.5611, 44.3550, 96.3240



50.6141, 44.3550, 23.9829



31.1414, 44.3550, 64.5774

Square

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



50.6141, 44.3550, 23.9829



32.4821, 44.3550, 28.9249



34.7006, 44.3550, 85.1568



53.5869, 44.3550, 74.8144

Rectangle

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



50.6141, 44.3550, 23.9829



39.2695, 44.3550, 20.0427



34.7006, 44.3550, 85.1568



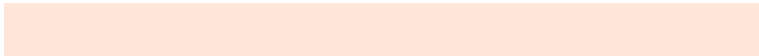
45.1850, 44.3550, 95.2561

Sweetspot

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



50.6152, 44.3572, 23.9838



81.9518, 82.6966, 77.1180



51.5842, 35.5698, 57.3718



17.1849, 17.2234, 15.6624



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.



50.6152, 44.3572, 23.9838



56.0009, 46.5272, 19.9666



62.8132, 68.7532, 28.0498



15.4830, 15.8891, 15.7696



20.7584, 13.2110, 1.4559



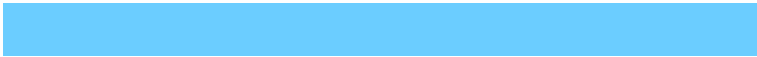
1.7162, 1.2098, 0.1431

Inverse Universe

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



42.9907, 50.0513, 86.7517



45.9174, 53.9360, 102.5983



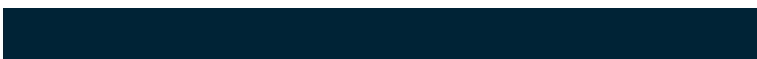
32.4283, 28.9265, 83.2309



15.0625, 16.2114, 19.2575



15.0191, 16.6852, 46.1719



1.2678, 1.4871, 3.6551

Previews

White Background



This preview shows how the XYZ color 50.6141, 44.3550, 23.9829 looks on a white background.

Color Contrast Check

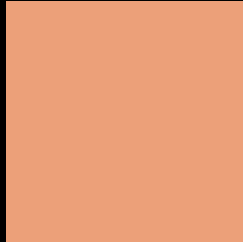
Large Text (above 18pt) WCAG AA × Fail

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 50.6141, 44.3550, 23.9829 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 50.6141, 44.3550, 23.9829

Background



This preview shows how black text looks on a background with the XYZ color 50.6141, 44.3550, 23.9829.



This preview shows how white text looks on a background with the XYZ color 50.6141, 44.3550,

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

50.6141, 44.3550, 23.9829

Protanopia

41.6211, 44.6322, 27.1901

Deuteranopia

45.4361, 44.3775, 23.6237



Tritanopia

54.3737, 44.3896, 41.7786

Trichromacy



Original Color

50.6141, 44.3550, 23.9829

Protanomaly

44.3412, 44.0421, 25.9026

Deuteranomaly

47.1506, 44.1581, 23.8076

Tritanomaly

52.9901, 44.3297, 34.6178

Monochromacy



Original Color

50.6141, 44.3550, 23.9829

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.2019, 43.7023, 38.0040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6141, 44.3550, 23.9829 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(236, 160, 121)` looks like.

```
.text, #text, p{  
    color:rgb(236, 160, 121)  
}
```

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(236, 160, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 160, 121) }
```

Border

The CSS property to change the border of an element to XYZ 50.6141, 44.3550, 23.9829 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(236, 160, 121) }
```


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

```
.border{ border-color:rgb(236, 160, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 160, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 160, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 160, 121);  
box-shadow:4px 4px 4px 4px rgb(236, 160,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6141, 44.3550, 23.9829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 160, 121) }
```

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

```
.background{ background-color: rgb(236,  
160, 121) }
```

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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