

Converting Colors

XYZ(52.0332, 50.9109, 27.1630)

Have a look what the booklet for XYZ(52.0332, 50.9109, 27.1630) contains.

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Color

**XYZ(52.0332, 50.9109,
27.1630)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B57F
RGB	227, 181, 127
RGB Percent	89%, 71%, 50%
CMY	0.1098, 0.2902, 0.5020
CMYK	0.00, 0.20, 0.44, 0.11
HSL	32°, 64%, 69%
HSV	32°, 44%, 89%
XYZ	52.0332, 50.9109, 27.1630
YIQ	188.5980, 44.7500, -7.0420

Conversions

Conversions Part 2

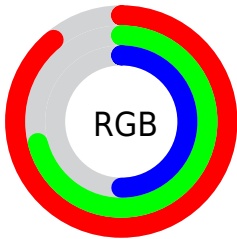
Format	Color
R _Y B	212, 227, 127
Decimal	14923135
CIE Lab	76.63, 9.78, 33.80
CIE LCh	77, 35.182, 73.860
Yxy	50.9109, 0.3999, 0.3913
Android (android.graphics.Color)	4293113215 (0xFFE3B57F)
YUV	188.5980, -30.3678, 33.6786
Hunter-Lab	71.3519, 5.3050, 27.3752

Details

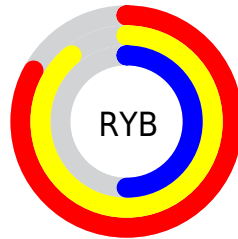
The XYZ color **52.0332, 50.9109, 27.1630** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.5606, 39.9438, 78.4033**, and the grayscale version is **48.2912, 50.8061, 55.3278**.

A 20% lighter version of the original color is **79.7624, 85.1237, 55.4066**, and **25.6363, 24.5202, 10.4029** is the 20% darker color. If you saturate the color by 10%, you get **48.6734, 46.2982, 19.5483**, and if you desaturate by 10%, it is **55.8879, 55.9800, 36.5880**.

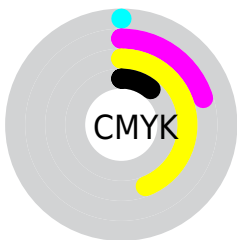
Distribution



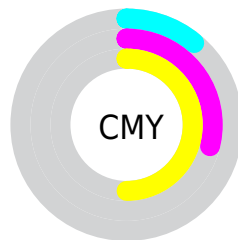
- Red (89%)
- Green (71%)
- Blue (50%)



- Red (83%)
- Yellow (89%)
- Blue (50%)



- Cyan (0%)
- Magenta (20%)
- Yellow (44%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0332, 50.9109, 27.1630 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 52.0332, 50.9109, 27.1630 by changing the saturation by 10% instead.


 52.0332, 50.9109,
27.1630

 52.0332, 50.9109,
27.1630


384.8866,
390.2175, 302.2306

 37.2559, 36.1377,
17.4622

 92.3541, 91.5231,
56.1522

 25.5803, 24.5406,
10.3991

 118.6285,
118.1308, 76.2777

 16.6409, 15.7351,
5.5553


 149.4659,
149.4522, 100.7151

 10.0725, 9.3369,
2.5123

185.2318,
185.8716, 129.8831

 5.5097, 4.9616,
0.8466

226.2914,
227.7735, 164.2000

 2.5871, 2.2247,
0.0000

273.0102,

 0.9394, 0.7334,

275.5421, 204.0846

0.0000

325.7535,
329.5620, 249.9553

■ 0.0000, 0.0000,
0.0000

■ 52.0332, 50.9109,
27.1630

■ 52.0332, 50.9109,
27.1630

■ 48.6734, 46.2982,
19.5483

■ 55.8879, 55.9800,
36.5880

■ 45.7787, 42.1187,
13.6203

■ 60.2577, 61.5132,
47.9296

■ 43.3213, 38.3573,
9.2448


■ 65.1660, 67.5269,
61.2895


■ 41.2678, 34.9950,
6.2649


■ 70.6336, 74.0346,
76.7611


■ 39.5786, 32.0095,
4.4904

■ 76.6798, 81.0489,
94.4320

 38.7109, 30.3956,
3.8266

 81.9743, 88.0424,
107.2811

 85.1995, 94.4928,
108.3562

 85.4885, 95.0709,
108.4525

Harmonies

Analogous

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



58.2115, 50.9109, 33.7258



52.0332, 50.9109, 27.1630



45.3891, 50.9109, 26.9292

Triad

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



52.0332, 50.9109, 27.1630



37.0017, 50.9109, 64.6809



57.8053, 50.9109, 86.2677

Complementary

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



52.0332, 50.9109, 27.1630



37.5606, 39.9438, 78.4033

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.



51.5188, 50.9109, 99.1534



52.0332, 50.9109, 27.1630



39.7392, 50.9109, 84.8908

Square

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



52.0332, 50.9109, 27.1630



37.1119, 50.9109, 45.8599



44.9196, 50.9109, 98.5985



61.7470, 50.9109, 66.2541

Rectangle

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



52.0332, 50.9109, 27.1630



41.6060, 50.9109, 30.2366



44.9196, 50.9109, 98.5985



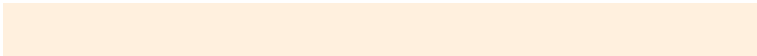
55.8724, 50.9109, 91.7612

Sweetspot

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



52.0345, 50.9133, 27.1640



85.4920, 88.7005, 81.6169



46.8757, 34.5531, 44.0735



17.9784, 18.5986, 16.5798



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.



52.0345, 50.9133, 27.1640



63.6552, 60.6806, 26.0791



61.9372, 72.2646, 30.7633



15.0185, 15.6510, 15.1338



22.6944, 17.9629, 2.2711



1.7697, 1.5128, 0.1987

Inverse Universe

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



37.5606, 39.9438, 78.4033



42.5054, 44.6633, 100.9883



30.7121, 25.4976, 75.9758



14.1263, 14.9740, 18.2901



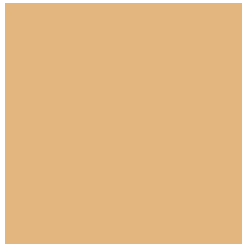
11.1111, 9.2843, 43.5896



0.9131, 0.8701, 3.2518

Previews

White Background



This preview shows how the XYZ color 52.0332, 50.9109, 27.1630 looks on a white background.

Color Contrast Check

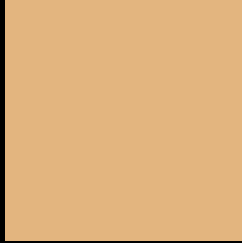
Large Text (above 18pt) WCAG AA × Fail

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 52.0332, 50.9109, 27.1630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

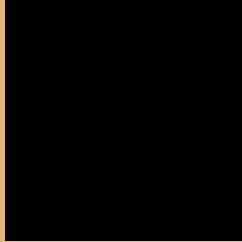
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0332, 50.9109, 27.1630

Background



This preview shows how black text looks on a background with the XYZ color 52.0332, 50.9109, 27.1630.



This preview shows how white text looks on a background with the XYZ color 52.0332, 50.9109,

27.1630.

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

52.0332, 50.9109, 27.1630

Protanopia

47.4037, 50.9860, 28.4619

Deuteranopia

52.0332, 50.9109, 27.1630



Tritanopia

57.5175, 50.7986, 53.7873

Trichromacy



Original Color

52.0332, 50.9109, 27.1630

Protanomaly

48.9619, 50.8489, 28.0031

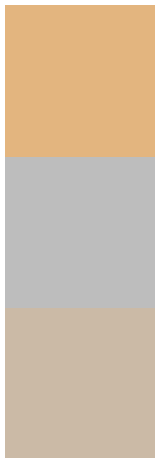
Deuteranomaly

52.0332, 50.9109, 27.1630

Tritanomaly

55.2719, 50.7562, 42.4811

Monochromacy



Original Color

52.0332, 50.9109, 27.1630

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.0704, 50.5675, 43.2506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0332, 50.9109, 27.1630 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, 181, 127)` looks like.

```
.text, #text, p{  
    color:rgb(227, 181, 127)  
}
```

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, 181, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 181, 127) }
```

Border

The CSS property to change the border of an element to XYZ 52.0332, 50.9109, 27.1630 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, 181, 127) }
```


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

```
.border{ border-color:rgb(227, 181, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 181, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 181, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 181, 127);  
box-shadow:4px 4px 4px 4px rgb(227, 181,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0332, 50.9109, 27.1630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 181, 127) }
```

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

```
.background{ background-color: rgb(227,  
181, 127) }
```

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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