

Converting Colors

XYZ(52.7274, 51.0119, 25.1564)

Have a look what the booklet for
XYZ(52.7274, 51.0119, 25.1564)
contains.

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Color

**XYZ(52.7274, 51.0119,
25.1564)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B479
RGB	231, 180, 121
RGB Percent	91%, 71%, 47%
CMY	0.0941, 0.2941, 0.5255
CMYK	0.00, 0.22, 0.48, 0.09
HSL	32°, 70%, 69%
HSV	32°, 48%, 91%
XYZ	52.7274, 51.0119, 25.1564
YIQ	188.5230, 49.3350, -7.5370

Conversions

Conversions Part 2

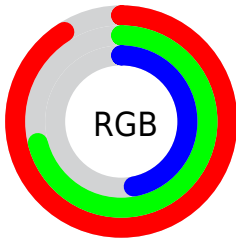
Format	Color
R_{YB}	216, 231, 121
Decimal	15185017
CIE Lab	76.69, 11.33, 37.08
CIE LCh	77, 38.772, 73.013
Yxy	51.0119, 0.4091, 0.3958
Android (android.graphics.Color)	4293375097 (0xFFE7B479)
YUV	188.5230, -33.2888, 37.2523
Hunter-Lab	71.4226, 6.7872, 29.1128

Details

The XYZ color **52.7274, 51.0119, 25.1564** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.0608, 39.3379, 81.2406**, and the grayscale version is **48.2627, 50.7761, 55.2952**.

A 20% lighter version of the original color is **78.8754, 84.3069, 52.1601**, and **25.9603, 24.5179, 9.3254** is the 20% darker color. If you saturate the color by 10%, you get **49.3982, 46.3555, 17.8749**, and if you desaturate by 10%, it is **56.5654, 56.1430, 34.2817**.

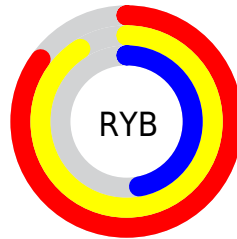
Distribution



Red (91%)

Green (71%)

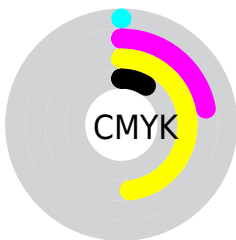
Blue (47%)



Red (85%)

Yellow (91%)

Blue (47%)

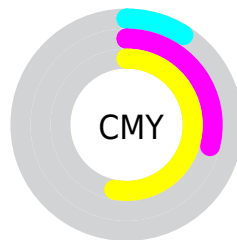


Cyan (0%)

Magenta (22%)

Yellow (48%)

Black (9%)



Cyan (9%)

Magenta (29%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7274, 51.0119, 25.1564 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 52.7274, 51.0119, 25.1564 by changing the saturation by 10% instead.

52.7274, 51.0119,
25.1564

52.7274, 51.0119,
25.1564

387.5164,
390.6100, 292.0885

37.8118, 36.2181,
15.9735

93.3710, 91.6724,
52.8781

26.0132, 24.6027,
9.3513

119.8297,
118.3078, 72.2540

16.9663, 15.7813,
4.8711

150.8669,
149.6592, 95.8647

10.3056, 9.3695,
2.1144

186.8478,
186.1110, 124.1287

5.6659, 4.9830,
0.6243

228.1379,
228.0476, 157.4645

2.6817, 2.2373,
0.0000

275.1024,

0.9878, 0.7402,

275.8534, 196.2907

0.0000

328.1068,
329.9127, 241.0259

■ 0.0000, 0.0000,
0.0000

■ 52.7274, 51.0119,
25.1564

■ 52.7274, 51.0119,
25.1564

■ 49.3982, 46.3555,
17.8749

■ 56.5654, 56.1430,
34.2817

■ 46.5456, 42.1491,
12.3035

■ 60.9342, 61.7575,
45.3659

■ 44.1390, 38.3762,
8.2947


■ 65.8588, 67.8731,
58.5180

■ 42.1417, 35.0155,
5.6743


■ 71.3615, 74.5040,
73.8380


■ 40.5051, 32.0410,
4.2077

■ 77.4631, 81.6641,
91.4195

 40.1514, 31.3819,
3.9411

 83.4336, 89.0663,
107.4018

 86.7546, 95.7084,
108.5089

 86.7649, 95.7289,
108.5123

Harmonies

Analogous

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



59.5569, 51.0119, 32.2770



52.7274, 51.0119, 25.1564



45.3755, 51.0119, 24.7310

Triad

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



52.7274, 51.0119, 25.1564



35.9909, 51.0119, 65.1534



58.7667, 51.0119, 90.6587

Complementary

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



52.7274, 51.0119, 25.1564



37.0608, 39.3379, 81.2406

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.



51.7340, 51.0119, 104.9787



52.7274, 51.0119, 25.1564



38.8786, 51.0119, 87.9388

Square

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



52.7274, 51.0119, 25.1564



36.1990, 51.0119, 44.5496



44.4770, 51.0119, 103.8736



63.2777, 51.0119, 68.2113

Rectangle

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



52.7274, 51.0119, 25.1564



41.1936, 51.0119, 28.0717



44.4770, 51.0119, 103.8736



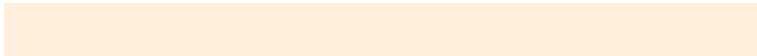
56.5903, 51.0119, 96.8092

Sweetspot

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



52.7286, 51.0143, 25.1574



84.7714, 87.8017, 79.7046



47.2710, 33.6555, 43.2029



17.8335, 18.4156, 16.2026



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.



52.7286, 51.0143, 25.1574



61.9371, 58.1815, 22.6178



63.8108, 74.9172, 29.1870



15.0141, 15.6420, 15.1323



22.6351, 17.8444, 2.2513



1.7654, 1.5041, 0.1973

Inverse Universe

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



37.0608, 39.3379, 81.2406



40.1655, 41.9697, 100.5917



29.6705, 23.7798, 78.6271



14.1308, 14.9829, 18.2916



11.1604, 9.3828, 43.6060



0.9169, 0.8777, 3.2530

Previews

White Background



This preview shows how the XYZ color 52.7274, 51.0119, 25.1564 looks on a white background.

Color Contrast Check

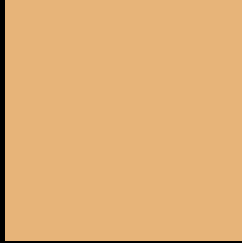
Large Text (above 18pt) WCAG AA × Fail

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 52.7274, 51.0119, 25.1564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

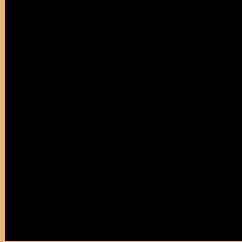
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7274, 51.0119, 25.1564

Background



This preview shows how black text looks on a background with the XYZ color 52.7274, 51.0119, 25.1564.



This preview shows how white text looks on a background with the XYZ color 52.7274, 51.0119,

25.1564.

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

52.7274, 51.0119, 25.1564

Protanopia

47.3529, 50.9977, 26.7498

Deuteranopia

51.9700, 50.9222, 25.1790



Tritanopia

58.4345, 51.0124, 52.6655

Trichromacy



Original Color

52.7274, 51.0119, 25.1564

Protanomaly

49.2213, 51.0201, 26.3224

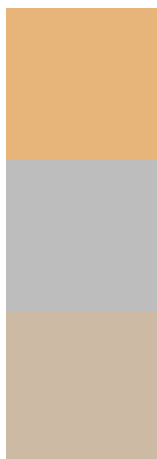
Deuteranomaly

52.2882, 51.0862, 25.1939

Tritanomaly

56.1125, 50.9307, 41.0556

Monochromacy



Original Color

52.7274, 51.0119, 25.1564

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.1616, 50.6355, 42.3045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7274, 51.0119, 25.1564 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(231, 180, 121)` looks like.

```
.text, #text, p{  
    color:rgb(231, 180, 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(231, 180, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 180, 121) }
```

Border

The CSS property to change the border of an element to XYZ 52.7274, 51.0119, 25.1564 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(231, 180, 121) }
```


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

```
.border{ border-color:rgb(231, 180, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 180, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 180, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 180, 121);  
box-shadow:4px 4px 4px 4px rgb(231, 180,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7274, 51.0119, 25.1564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 180, 121) }
```

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

```
.background{ background-color: rgb(231,  
180, 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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