

Converting Colors

XYZ(51.4628, 51.7622, 24.2856)

Have a look what the booklet for
XYZ(51.4628, 51.7622, 24.2856)
contains.

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Color

**XYZ(51.6703, 52.0135,
24.4558)**

Conversions

Conversions Part 1

Format	Color
Hex	E1B976
RGB	225, 185, 118
RGB Percent	88%, 73%, 46%
CMY	0.1176, 0.2745, 0.5372
CMYK	0.00, 0.18, 0.48, 0.12
HSL	38°, 64%, 67%
HSV	38°, 48%, 88%
XYZ	51.6703, 52.0135, 24.4558
YIQ	189.3220, 45.3470, -12.3570

Conversions

Conversions Part 2

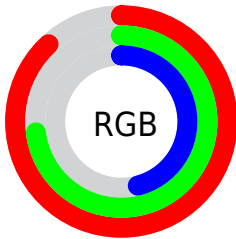
Format	Color
RYB	182, 225, 118
Decimal	14793078
CIELab	77.29, 5.97, 39.27
CIELCh	77, 39.720, 81.362
Yxy	52.0135, 0.4032, 0.4059
Android (android.graphics.Color)	4292983158 (0xFFE1B976)
YUV	189.3220, -35.1617, 31.2896
Hunter-Lab	72.1204, 1.6748, 30.3792

Details

The XYZ color **51.6703, 52.0135, 24.4558** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **33.2881, 33.7401, 75.9919**, and the grayscale version is **48.7323, 51.2701, 55.8332**.

A 20% lighter version of the original color is **80.0460, 87.1109, 51.1233**, and **25.4431, 25.2447, 9.0006** is the 20% darker color. If you saturate the color by 10%, you get **48.7821, 48.1278, 17.6650**, and if you desaturate by 10%, it is **54.9840, 56.2399, 32.9628**.

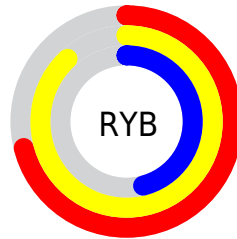
Distribution



Red (88%)

Green (73%)

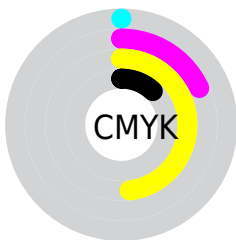
Blue (46%)



Red (71%)

Yellow (88%)

Blue (46%)

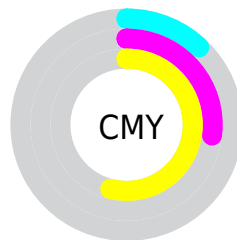


Cyan (0%)

Magenta (18%)

Yellow (48%)

Black (12%)



Cyan (12%)


Magenta (27%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6703, 52.0135, 24.4558 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 51.6703, 52.0135, 24.4558 by changing the saturation by 10% instead.


 51.6703, 52.0135,
24.4558


 51.6703, 52.0135,
24.4558


383.5074,
394.4887, 288.4772

 36.9656, 37.0158,
15.4568


 91.8219, 93.1511,
51.7261

 25.3544, 25.2198,
8.9904

 117.9995,
120.0599, 70.8345

 16.4714, 16.2409,
4.6382


 148.7321,
151.7079, 94.1496

 9.9513, 9.6947,
1.9816

184.3850,
188.4793, 122.0902

 5.4287, 5.1970,
0.5439

225.3237,
230.7588, 155.0747

 2.5382, 2.3633,
0.0000

271.9134,

 0.9146, 0.8069,

278.9306, 193.5217

0.0000

324.5195,
333.3791, 237.8497

■ 0.0000, 0.0000,
0.0000

■ 51.6703, 52.0135,
24.4558

■ 51.6703, 52.0135,
24.4558

■ 48.7821, 48.1278,
17.6650

■ 54.9840, 56.2399,
32.9628

■ 46.2909, 44.5625,
12.4653

■ 58.7420, 60.8114,
43.2929

■ 44.1698, 41.3061,
8.7196


■ 62.9662, 65.7414,
55.5479


■ 42.3864, 38.3425,
6.2656

■ 67.6759, 71.0403,
69.8209


■ 40.8972, 35.6512,
4.8838


■ 72.8892, 76.7178,
86.1992

 40.5612, 35.0275,
4.6232

 78.6231, 82.7835,
104.7649

 81.4147, 87.8545,
107.2743

 84.0016, 93.0283,
108.1366

 84.8612, 94.7475,
108.4232

Harmonies

Analogous

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



59.1606, 52.0135, 29.7758



51.6703, 52.0135, 24.4558



44.2904, 52.0135, 25.8568

Triad

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



51.6703, 52.0135, 24.4558



37.0102, 52.0135, 73.3337



61.7865, 52.0135, 87.0789

Complementary

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



51.6703, 52.0135, 24.4558



33.2881, 33.7401, 75.9919

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.



54.9682, 52.0135, 105.3841



51.6703, 52.0135, 24.4558



40.8423, 52.0135, 96.1357

Square

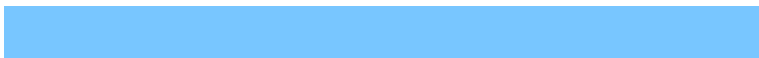
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.6703, 52.0135, 24.4558



36.3216, 52.0135, 50.5634



47.2695, 52.0135, 109.0674



65.3820, 52.0135, 63.1717

Rectangle

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



51.6703, 52.0135, 24.4558



40.3742, 52.0135, 30.6191



47.2695, 52.0135, 109.0674



59.7642, 52.0135, 94.3222

Sweetspot

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



51.6716, 52.0160, 24.4568



85.7156, 89.6900, 80.0193



43.7894, 31.4686, 36.5751



18.0638, 18.8761, 16.2794



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.



51.6716, 52.0160, 24.4568



64.8455, 63.9982, 23.5873



57.4958, 69.2322, 27.4730



14.4188, 15.1235, 14.4660



23.4889, 20.4157, 2.7026



1.7132, 1.5852, 0.2157

Inverse Universe

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



33.2881, 33.7401, 75.9919



37.7086, 37.0560, 99.7728



29.3497, 23.1778, 74.1608



13.3697, 14.0785, 17.4004



9.7661, 7.0018, 41.8851



0.7609, 0.6533, 2.9312

Previews

White Background



This preview shows how the XYZ color 51.6703, 52.0135, 24.4558 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 51.6703, 52.0135, 24.4558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

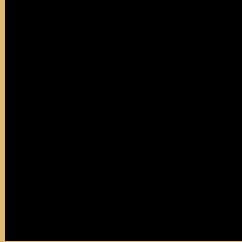
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.6703, 52.0135, 24.4558

Background



This preview shows how black text looks on a background with the XYZ color 51.6703, 52.0135, 24.4558.



This preview shows how white text looks on a background with the XYZ color 51.6703, 52.0135,

24.4558.

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

51.6703, 52.0135, 24.4558

Protanopia

48.0334, 52.0276, 25.2800

Deuteranopia

53.2183, 52.1878, 24.7211



Tritanopia

58.0983, 51.9242, 55.6755

Trichromacy



Original Color

51.6703, 52.0135, 24.4558

Protanomaly

49.2589, 52.0232, 24.8980

Deuteranomaly

52.7834, 52.2709, 24.7601

Tritanomaly

55.1340, 51.5785, 42.1717

Monochromacy



Original Color

51.6703, 52.0135, 24.4558

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.9512, 51.1673, 41.9466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6703, 52.0135, 24.4558 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(225, 185, 118)` looks like.

```
.text, #text, p{  
    color:rgb(225, 185, 118)  
}
```

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(225, 185, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 185, 118) }
```

Border

The CSS property to change the border of an element to XYZ 51.6703, 52.0135, 24.4558 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(225, 185, 118) }
```


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

```
.border{ border-color:rgb(225, 185, 118) }
```

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

Here you see how a box with a 4 pixel rgb(225, 185, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 185, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 185, 118);  
box-shadow:4px 4px 4px 4px rgb(225, 185,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6703, 52.0135, 24.4558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 185, 118) }
```

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

```
.background{ background-color: rgb(225,  
185, 118) }
```

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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