

Converting Colors

XYZ(55.2762, 51.6361, 49.9886)

Have a look what the booklet for
XYZ(55.2762, 51.6361, 49.9886)
contains.

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Color

**XYZ(55.2999, 51.7851,
50.2609)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B4B4
RGB	224, 180, 180
RGB Percent	88%, 71%, 71%
CMY	0.1216, 0.2941, 0.2941
CMYK	0.00, 0.20, 0.20, 0.12
HSL	0°, 42%, 79%
HSV	0°, 20%, 88%
XYZ	55.2999, 51.7851, 50.2609
YIQ	193.1560, 26.2240, 9.3280

Conversions

Conversions Part 2

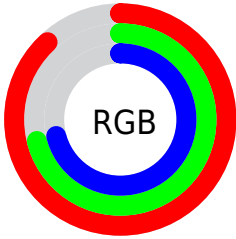
Format	Color
R _Y B	224, 180, 180
Decimal	14726324
CIE Lab	77.15, 15.89, 6.04
CIE LCh	77, 17.003, 20.804
Yxy	51.7851, 0.3515, 0.3291
Android (android.graphics.Color)	4292916404 (0xFFE0B4B4)
YUV	193.1560, -6.4859, 27.0502
Hunter-Lab	71.9619, 11.2371, 8.9629

Details

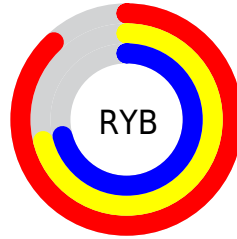
The XYZ color **55.2999, 51.7851, 50.2609** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.9319, 68.3945, 80.6167**, and the grayscale version is **50.8076, 53.4536, 58.2109**.

A 20% lighter version of the original color is **86.3758, 87.3070, 91.6563**, and **27.5686, 25.0359, 23.4581** is the 20% darker color. If you saturate the color by 10%, you get **49.0379, 42.6224, 37.8104**, and if you desaturate by 10%, it is **62.6642, 62.5613, 64.8993**.

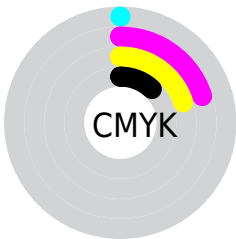
Distribution



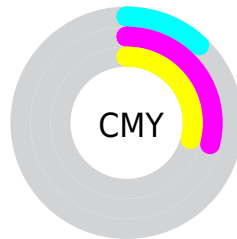
- Red (88%)
- Green (71%)
- Blue (71%)



- Red (88%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (12%)



- Cyan (12%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2999, 51.7851, 50.2609 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 55.2999, 51.7851, 50.2609 by changing the saturation by 10% instead.

■ 55.2999, 51.7851,
50.2609

■ 55.2999, 51.7851,
50.2609

397.1657,
393.6064, 404.4496

■ 39.8767, 36.8338,
35.2481

■ 97.1260, 92.8142,
91.9616

■ 27.6262, 25.0788,
23.5690

124.2595,
119.6609, 119.4866

■ 18.1831, 16.1358,
14.8050

156.0273,
151.2414, 152.0194

■ 11.1820, 9.6203,
8.5375

192.7945,
187.9402, 189.9786

■ 6.2576, 5.1479,
4.3481

234.9266,
230.1417, 233.7826

■ 3.0445, 2.3343,
1.8182

282.7889,

■ 1.1773, 0.7918,

278.2304, 283.8501

0.4399

336.7468,
332.5904, 340.5996

■ 0.0884, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2999, 51.7851,
50.2609

■ 55.2999, 51.7851,
50.2609

■ 49.0379, 42.6224,
37.8104

■ 62.6642, 62.5613,
64.8993

■ 43.8212, 34.9889,
27.4399

■ 71.1756, 75.0158,
81.8203

■ 39.5942, 28.8035,
19.0369

■ 80.8819, 89.2186,
101.1167

■ 36.2944, 23.9748,
12.4773

■ 84.5506, 94.5874,
108.4086

■ 33.8521, 20.4009,
7.6226

■ 32.1881, 17.9658,
4.3150

■ 31.2081, 16.5316,
2.3673

■ 30.7539, 15.8670,
1.4647

■ 30.7408, 15.8478,
1.4387

Harmonies

Analogous

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



55.6544, 51.7851, 59.2958



55.2999, 51.7851, 50.2609



53.2786, 51.7851, 43.6142

Triad

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



55.2999, 51.7851, 50.2609



44.5315, 51.7851, 45.8081



48.2276, 51.7851, 75.9748

Complementary

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



55.2999, 51.7851, 50.2609



58.9319, 68.3945, 80.6167

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.



45.3733, 51.7851, 71.4335



55.2999, 51.7851, 50.2609



43.3020, 51.7851, 53.5714

Square

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



55.2999, 51.7851, 50.2609



47.0325, 51.7851, 41.2468



43.6032, 51.7851, 62.9878



51.4746, 51.7851, 74.8370

Rectangle

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



55.2999, 51.7851, 50.2609



51.3049, 51.7851, 41.1074



43.6032, 51.7851, 62.9878



47.1927, 51.7851, 75.0447

Sweetspot

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



55.3013, 51.7875, 50.2620



87.9959, 89.6780, 94.8763



60.5167, 53.8722, 77.7301



18.6778, 18.9652, 19.9955



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.



55.3013, 51.7875, 50.2620



70.2038, 63.6433, 59.5055



60.0997, 61.3841, 51.8614



13.7074, 13.7008, 14.2288



17.8934, 9.2247, 0.8374



1.2403, 0.6395, 0.0581

Inverse Universe

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



58.9319, 68.3945, 80.6167



76.0049, 90.1791, 108.0082



53.3980, 57.3267, 78.7721



14.1165, 15.5721, 17.6494



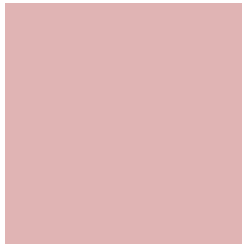
23.3437, 34.1569, 46.4110



1.6181, 2.3676, 3.2170

Previews

White Background



This preview shows how the XYZ color 55.2999, 51.7851, 50.2609 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 55.2999, 51.7851, 50.2609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

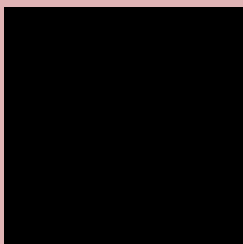
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2999, 51.7851, 50.2609

Background



This preview shows how black text looks on a background with the XYZ color 55.2999, 51.7851, 50.2609.



This preview shows how white text looks on a background with the XYZ color 55.2999, 51.7851,

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

55.2999, 51.7851, 50.2609

Protanopia

49.6761, 51.9318, 53.3046

Deuteranopia

52.7177, 51.6818, 49.8449



Tritanopia

56.4862, 51.6541, 56.8623

Trichromacy



Original Color

55.2999, 51.7851, 50.2609

Protanomaly

51.5597, 51.6585, 52.0533

Deuteranomaly

53.6854, 51.8734, 49.8309

Tritanomaly

56.2485, 51.8786, 54.6259

Monochromacy



Original Color

55.2999, 51.7851, 50.2609

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.9622, 52.4346, 54.9592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2999, 51.7851, 50.2609 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(224, 180, 180)` looks like.

```
.text, #text, p{  
    color:rgb(224, 180, 180)  
}
```

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(224, 180, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 180, 180) }
```

Border

The CSS property to change the border of an element to XYZ 55.2999, 51.7851, 50.2609 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(224, 180, 180) }
```


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

```
.border{ border-color:rgb(224, 180, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 180, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 180, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 180, 180);  
box-shadow:4px 4px 4px 4px rgb(224, 180,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2999, 51.7851, 50.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 180, 180) }
```

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

```
.background{ background-color: rgb(224,  
180, 180) }
```

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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