

Converting Colors

XYZ(63.1296, 55.4750, 52.7279)

Have a look what the booklet for
XYZ(63.1296, 55.4750, 52.7279)
contains.

XYZ(63.1296, 55.4750, 52.7279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.1296, 55.4750,
52.7279)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B3B8
RGB	247, 179, 184
RGB Percent	97%, 70%, 72%
CMY	0.0314, 0.2980, 0.2784
CMYK	0.00, 0.28, 0.26, 0.03
HSL	356°, 81%, 84%
HSV	356°, 28%, 97%
XYZ	63.1296, 55.4750, 52.7279
YIQ	199.9020, 38.9230, 15.9710

Conversions

Conversions Part 2

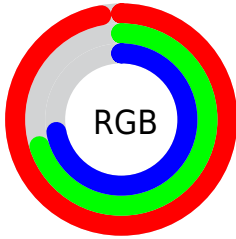
Format	Color
R _Y B	247, 179, 184
Decimal	16233400
CIE Lab	79.31, 25.41, 7.28
CIE LCh	79, 26.434, 15.981
Yxy	55.4750, 0.3685, 0.3238
Android (android.graphics.Color)	4294423480 (0xFFF7B3B8)
YUV	199.9020, -7.8397, 41.3049
Hunter-Lab	74.4815, 20.9516, 10.1638

Details

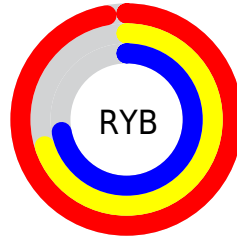
The XYZ color **63.1296, 55.4750, 52.7279** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.8805, 82.5173, 96.3582**, and the grayscale version is **54.8706, 57.7281, 62.8660**.

A 20% lighter version of the original color is **86.6765, 86.9679, 94.6562**, and **32.5439, 27.3792, 25.0422** is the 20% darker color. If you saturate the color by 10%, you get **56.4074, 45.5639, 39.5936**, and if you desaturate by 10%, it is **71.1296, 67.3198, 68.2040**.

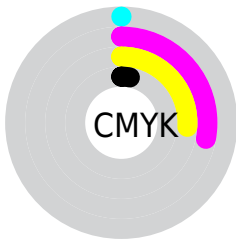
Distribution



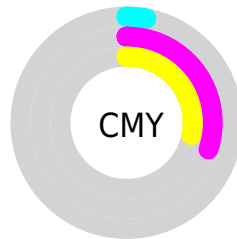
- Red (97%)
- Green (70%)
- Blue (72%)



- Red (97%)
- Yellow (70%)
- Blue (72%)



- Cyan (0%)
- Magenta (28%)
- Yellow (26%)
- Black (3%)





- Cyan (3%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.1296, 55.4750, 52.7279 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 63.1296, 55.4750, 52.7279 by changing the saturation by 10% instead.


 63.1296, 55.4750,
52.7279

 63.1296, 55.4750,
52.7279


425.6919,
407.7100, 414.2770

 46.2051, 39.7822,
37.1994


 108.4372, 98.2366,
95.6413

 32.6130, 27.3687,
25.0649


137.5511,
126.0741, 123.8633

 21.9880, 17.8503,
15.9059


171.4587,
158.7286, 157.1535

 13.9646, 10.8426,
9.3040


210.5256,
196.5845, 195.9305

 8.1776, 5.9611,
4.8405

255.1170,
240.0262, 240.6128

 4.2616, 2.8214,
2.0969

305.5982,

 1.8511, 1.0392,

289.4380, 291.6190

0.6139

362.3347,
345.2045, 349.3675

■ 0.5482, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.1296, 55.4750,
52.7279

■ 63.1296, 55.4750,
52.7279

■ 56.4074, 45.5639,
39.5936

■ 71.1296, 67.3198,
68.2040

■ 50.8924, 37.4765,
28.6837

■ 80.4641, 81.1851,
86.1247

■ 46.5143, 31.1040,
19.8761

■ 91.1918, 97.1619,
106.5906

■ 43.1936, 26.3225,
13.0351

■ 92.1679, 98.5142,
108.7651

■ 40.8404, 22.9918,
8.0095

■ 39.3497, 20.9468,
4.6257

■ 38.5870, 19.9719,
2.6747

■ 38.4683, 19.8184,
2.3764

Harmonies

Analogous

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



63.2313, 55.4750, 67.7428



63.1296, 55.4750, 52.7279



60.1209, 55.4750, 41.7729

Triad

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



63.1296, 55.4750, 52.7279



45.7417, 55.4750, 42.3272



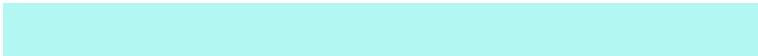
50.3000, 55.4750, 93.3266

Complementary

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



63.1296, 55.4750, 52.7279



67.8805, 82.5173, 96.3582

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.



45.9662, 55.4750, 83.8820



63.1296, 55.4750, 52.7279



43.4562, 55.4750, 53.6132

Square

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



63.1296, 55.4750, 52.7279



49.9745, 55.4750, 36.4906



43.5355, 55.4750, 68.7886



55.5794, 55.4750, 92.9819

Rectangle

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



63.1296, 55.4750, 52.7279



56.9796, 55.4750, 37.4985



43.5355, 55.4750, 68.7886



48.6920, 55.4750, 91.1311

Sweetspot

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



63.1311, 55.4776, 52.7290



85.9886, 86.5097, 91.5981



69.2997, 57.7177, 95.4842



18.0635, 18.0087, 18.9516



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.



63.1311, 55.4776, 52.7290



63.7136, 53.5048, 48.5812



68.8898, 67.8183, 52.1104



16.5485, 16.5023, 17.3691



20.3632, 10.4887, 1.3553



1.8066, 0.9286, 0.2078

Inverse Universe

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



63.1311, 55.4776, 52.7290



63.7136, 53.5048, 48.5812



60.6257, 66.7906, 97.6926



16.5485, 16.5023, 17.3691



20.3632, 10.4887, 1.3553



1.8066, 0.9286, 0.2078

Previews

White Background



This preview shows how the XYZ color 63.1296, 55.4750, 52.7279 looks on a white background.

Color Contrast Check

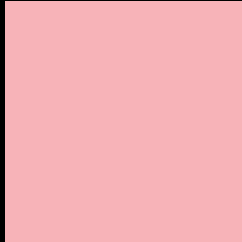
Large Text (above 18pt) WCAG AA × Fail

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 63.1296, 55.4750, 52.7279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

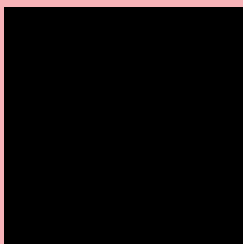
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.1296, 55.4750, 52.7279

Background



This preview shows how black text looks on a background with the XYZ color 63.1296, 55.4750, 52.7279.



This preview shows how white text looks on a background with the XYZ color 63.1296, 55.4750,

52.7279.

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

63.1296, 55.4750, 52.7279

Protanopia

53.4530, 55.7476, 58.3952

Deuteranopia

56.6757, 55.5765, 51.9962



Tritanopia

64.0358, 55.5588, 56.6391

Trichromacy



Original Color

63.1296, 55.4750, 52.7279

Protanomaly

56.6212, 55.4500, 56.4339

Deuteranomaly

58.7393, 55.3597, 52.3893

Tritanomaly

63.7089, 55.4281, 54.9178

Monochromacy



Original Color

63.1296, 55.4750, 52.7279

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.2025, 56.3460, 58.8999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1296, 55.4750, 52.7279 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(247, 179, 184)` looks like.

```
.text, #text, p{  
    color:rgb(247, 179, 184)  
}
```

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(247, 179, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 179, 184) }
```

Border

The CSS property to change the border of an element to XYZ 63.1296, 55.4750, 52.7279 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(247, 179, 184) }
```


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

```
.border{ border-color:rgb(247, 179, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 179, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 179, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 179, 184);  
box-shadow:4px 4px 4px 4px rgb(247, 179,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1296, 55.4750, 52.7279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 179, 184) }
```

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

```
.background{ background-color: rgb(247,  
179, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor