

Converting Colors

XYZ(64.1543, 56.6813, 55.2623)

Have a look what the booklet for
XYZ(64.1543, 56.6813, 55.2623)
contains.

XYZ(63.9587, 56.4527, 55.1024)	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(63.9587, 56.4527,
55.1024)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B5BC
RGB	247, 181, 188
RGB Percent	97%, 71%, 74%
CMY	0.0314, 0.2902, 0.2627
CMYK	0.00, 0.27, 0.24, 0.03
HSL	354°, 80%, 84%
HSV	354°, 27%, 97%
XYZ	63.9587, 56.4527, 55.1024
YIQ	201.5320, 37.0890, 16.1690

Conversions

Conversions Part 2

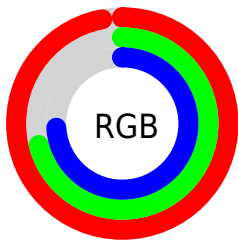
Format	Color
R _Y B	247, 181, 188
Decimal	16233916
CIE Lab	79.87, 24.91, 5.91
CIE LCh	80, 25.607, 13.354
Yxy	56.4527, 0.3644, 0.3216
Android (android.graphics.Color)	4294423996 (0xFFFF7B5BC)
YUV	201.5320, -6.6713, 39.8754
Hunter-Lab	75.1350, 20.4619, 9.1125

Details

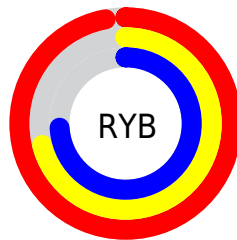
The XYZ color **63.9587, 56.4527, 55.1024** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.0473, 82.6378, 94.8063**, and the grayscale version is **55.8729, 58.7826, 64.0143**.

A 20% lighter version of the original color is **87.8533, 88.3600, 98.0128**, and **33.0786, 28.0064, 26.5840** is the 20% darker color. If you saturate the color by 10%, you get **57.1733, 46.4042, 41.9811**, and if you desaturate by 10%, it is **72.0017, 68.4327, 70.4410**.

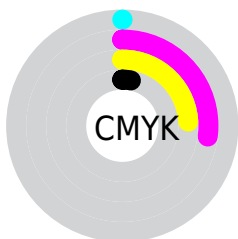
Distribution



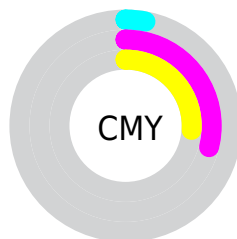
- Red (97%)
- Green (71%)
- Blue (74%)



- Red (97%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (27%)
- Yellow (24%)
- Black (3%)





- Cyan (3%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.9587, 56.4527, 55.1024 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 63.9587, 56.4527, 55.1024 by changing the saturation by 10% instead.


 63.9587, 56.4527,
55.1024

 63.9587, 56.4527,
55.1024


428.6451,
411.3953, 423.5929

 46.8788, 40.5660,
39.0846

 109.6255, 99.6662,
99.1636

 33.1474, 27.9801,
26.5172


138.9431,
127.7617, 128.0441

 22.3991, 18.3107,
16.9817


173.0707,
160.6957, 162.0492

 14.2687, 11.1733,
10.0596

212.3735,
198.8524, 201.5974

 8.3908, 6.1835,
5.3324

257.2171,
242.6164, 247.1074

 4.3999, 2.9570,
2.3815

307.9666,

 1.9308, 1.1093,

292.3719, 298.9976

0.7763

364.9875,
348.5034, 357.6866

■ 0.5946, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.9587, 56.4527,
55.1024

■ 63.9587, 56.4527,
55.1024

■ 57.1733, 46.4042,
41.9811

■ 72.0017, 68.4327,
70.4410

■ 51.5775, 38.1787,
30.9713

■ 81.3568, 82.4298,
88.0895

■ 47.1035, 31.6691,
21.9631

■ 92.0469, 98.4658,
108.1278

■ 43.6752, 26.7537,
14.8360

■ 92.1679, 98.5142,
108.7651

■ 41.2067, 23.2950,
9.4558

■ 39.5983, 21.1319,
5.6706

■ 38.7264, 20.0624,
3.3018

■ 38.5464, 19.8496,
2.7877

Harmonies

Analogous

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



63.7921, 56.4527, 70.0191



63.9587, 56.4527, 55.1024



61.2413, 56.4527, 43.8675

Triad

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



63.9587, 56.4527, 55.1024



47.0959, 56.4527, 42.9474



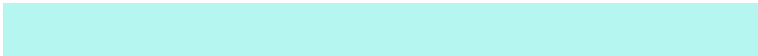
50.8497, 56.4527, 93.1012

Complementary

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



63.9587, 56.4527, 55.1024



68.0473, 82.6378, 94.8063

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.



46.7255, 56.4527, 83.2389



63.9587, 56.4527, 55.1024



44.6559, 56.4527, 53.6420

Square

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



63.9587, 56.4527, 55.1024



51.3855, 56.4527, 37.6515



44.5248, 56.4527, 68.3046



55.9937, 56.4527, 93.6624

Rectangle

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



63.9587, 56.4527, 55.1024



58.2555, 56.4527, 39.3063



44.5248, 56.4527, 68.3046



49.3063, 56.4527, 90.6996

Sweetspot

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



63.9602, 56.4553, 55.1035



86.0853, 86.5484, 92.1072



69.0120, 58.1688, 95.5864



18.0876, 18.0184, 19.0785



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.



63.9602, 56.4553, 55.1035



64.7090, 54.6802, 51.4265



68.8436, 67.3997, 53.1003



16.5705, 16.5111, 17.4849



20.4101, 10.5075, 1.6018



1.8170, 0.9328, 0.2628

Inverse Universe

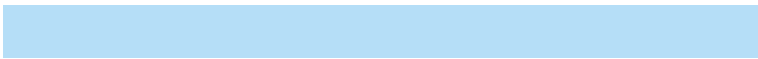
The Inverse Universe completely reimagines the original color for something new.



63.9602, 56.4553, 55.1035



64.7090, 54.6802, 51.4265



61.8884, 68.6246, 97.9800



16.5705, 16.5111, 17.4849



20.4101, 10.5075, 1.6018



1.8170, 0.9328, 0.2628

Previews

White Background



This preview shows how the XYZ color 63.9587, 56.4527, 55.1024 looks on a white background.

Color Contrast Check

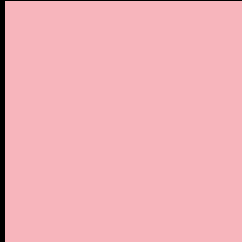
Large Text (above 18pt) WCAG AA × Fail

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 63.9587, 56.4527, 55.1024 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 63.9587, 56.4527, 55.1024

Background



This preview shows how black text looks on a background with the XYZ color 63.9587, 56.4527, 55.1024.



This preview shows how white text looks on a background with the XYZ color 63.9587, 56.4527,

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

63.9587, 56.4527, 55.1024

Protanopia

54.4014, 56.5203, 60.8656

Deuteranopia

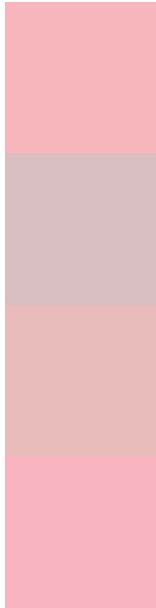
57.8368, 56.7740, 54.3645



Tritanopia

64.7703, 56.4940, 58.5296

Trichromacy



Original Color

63.9587, 56.4527, 55.1024

Protanomaly

57.2818, 56.0621, 58.8409

Deuteranomaly

59.9079, 56.5432, 54.7702

Tritanomaly

64.5471, 56.4047, 57.3544

Monochromacy



Original Color

63.9587, 56.4527, 55.1024

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.2833, 57.5202, 60.8540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9587, 56.4527, 55.1024 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, 181, 188)` looks like.

```
.text, #text, p{  
    color:rgb(247, 181, 188)  
}
```

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, 181, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 181, 188) }
```

Border

The CSS property to change the border of an element to XYZ 63.9587, 56.4527, 55.1024 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, 181, 188) }
```


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

```
.border{ border-color:rgb(247, 181, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 181, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 181, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 181, 188);  
box-shadow:4px 4px 4px 4px rgb(247, 181,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9587, 56.4527, 55.1024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 181, 188) }
```

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

```
.background{ background-color: rgb(247,  
181, 188) }
```

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