

Converting Colors

XYZ(63.7261, 50.4535, 65.5494)

Have a look what the booklet for
XYZ(63.7261, 50.4535, 65.5494)
contains.

XYZ(63.7910, 50.5040, 65.4176)	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(63.7910, 50.5040,
65.4176)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA1CF
RGB	251, 161, 207
RGB Percent	98%, 63%, 81%
CMY	0.0157, 0.3686, 0.1882
CMYK	0.00, 0.36, 0.18, 0.02
HSL	329°, 92%, 81%
HSV	329°, 36%, 98%
XYZ	63.7910, 50.5040, 65.4176
YIQ	193.1540, 38.8740, 33.3860

Conversions

Conversions Part 2

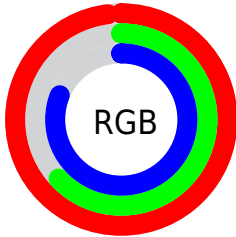
Format	Color
R_{YB}	251, 161, 207
Decimal	16490959
CIE _{Lab}	76.38, 39.59, -9.49
CIE _{LCh}	76, 40.710, 346.519
Yxy	50.5040, 0.3550, 0.2810
Android (android.graphics.Color)	4294681039 (0xFFFB1CF)
YUV	193.1540, 6.8261, 50.7309
Hunter-Lab	71.0662, 35.8609, -4.8311

Details

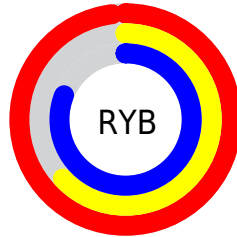
The XYZ color **63.7910, 50.5040, 65.4176** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.2168, 80.9805, 70.2184**, and the grayscale version is **50.7256, 53.3673, 58.1169**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **33.1047, 24.3625, 33.0946** is the 20% darker color. If you saturate the color by 10%, you get **58.3946, 42.0192, 56.5022**, and if you desaturate by 10%, it is **70.1874, 60.8009, 75.2428**.

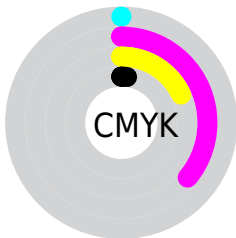
Distribution



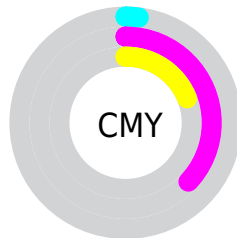
- Red (98%)
- Green (63%)
- Blue (81%)



- Red (98%)
- Yellow (63%)
- Blue (81%)



- Cyan (0%)
- Magenta (36%)
- Yellow (18%)
- Black (2%)





- Cyan (2%)
- Magenta (37%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7910, 50.5040, 65.4176 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 63.7910, 50.5040, 65.4176 by changing the saturation by 10% instead.


 63.7910, 50.5040,
65.4176


 63.7910, 50.5040,
65.4176


428.0487,
388.6336, 462.6384

 46.7425, 35.8140,
47.3463


 109.3853, 90.9212,
114.2690

 33.0392, 24.2906,
32.9532

 138.6618,
117.4172, 145.8863

 22.3159, 15.5493,
21.8198


172.7450,
148.6173, 182.8558

 14.2071, 9.2058,
13.5275

212.0002,
184.9059, 225.5963

 8.3475, 4.8757,
7.6578

256.7928,
226.6675, 274.5263

 4.3718, 2.1745,
3.7921

307.4882,

 1.9145, 0.7060,

274.2864, 330.0643

1.5120

364.4517,
328.1469, 392.6288

■ 0.5853, 0.0000,
0.2269

■ 0.0000, 0.0000,
0.0000

■ 63.7910, 50.5040,
65.4176

■ 63.7910, 50.5040,
65.4176

■ 58.3946, 42.0192,
56.5022

■ 70.1874, 60.8009,
75.2428

■ 53.9381, 35.2323,
48.4619

■ 77.6304, 73.0009,
86.0043

■ 50.3615, 30.0274,
41.2639

■ 86.1689, 87.1974,
97.7311

■ 47.5958, 26.2706,
34.8710

■ 93.5939, 99.2493,
108.8319

■ 45.5604, 23.8056,
29.2420

■ 44.1561, 22.4390,
24.3285

■ 43.6988, 22.0753,
22.4775

Harmonies

Analogous

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



59.4981, 50.5040, 89.4083



63.7910, 50.5040, 65.4176



63.5471, 50.5040, 43.8510

Triad

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



63.7910, 50.5040, 65.4176



43.9367, 50.5040, 23.6613



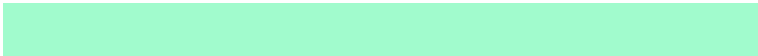
38.5672, 50.5040, 91.6120

Complementary

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



63.7910, 50.5040, 65.4176



60.2168, 80.9805, 70.2184

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.



35.2252, 50.5040, 67.8722



63.7910, 50.5040, 65.4176



38.0921, 50.5040, 30.7789

Square

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



63.7910, 50.5040, 65.4176



51.5173, 50.5040, 23.3330



35.0611, 50.5040, 45.7344



44.6514, 50.5040, 107.0319

Rectangle

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



63.7910, 50.5040, 65.4176



60.8340, 50.5040, 33.5205



35.0611, 50.5040, 45.7344



37.1155, 50.5040, 84.0937

Sweetspot

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



63.7925, 50.5064, 65.4186



84.6154, 82.5388, 94.9151



55.1988, 45.3657, 97.1144



17.8569, 17.2445, 19.9651



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.



63.7925, 50.5064, 65.4186



62.0076, 45.8534, 61.0819



59.0966, 48.6280, 40.6903



17.6149, 17.3733, 19.8277



23.0436, 11.6332, 12.2041



2.1878, 1.0989, 1.4124

Inverse Universe

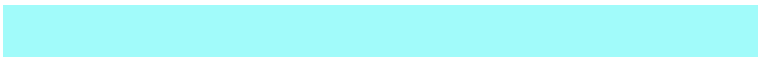
The Inverse Universe completely reimagines the original color for something new.



63.7925, 50.5064, 65.4186



62.0076, 45.8534, 61.0819



66.3737, 83.4433, 102.6404



17.6149, 17.3733, 19.8277



23.0436, 11.6332, 12.2041



2.1878, 1.0989, 1.4124

Previews

White Background



This preview shows how the XYZ color 63.7910, 50.5040, 65.4176 looks on a white background.

Color Contrast Check

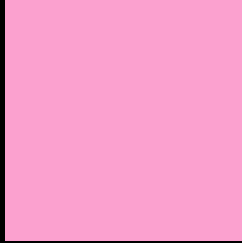
Large Text (above 18pt) WCAG AA × Fail

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 63.7910, 50.5040, 65.4176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

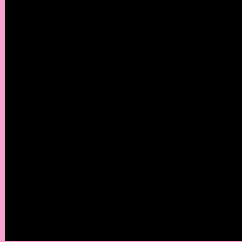
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.7910, 50.5040, 65.4176

Background



This preview shows how black text looks on a background with the XYZ color 63.7910, 50.5040, 65.4176.



This preview shows how white text looks on a background with the XYZ color 63.7910, 50.5040,

65.4176.

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

63.7910, 50.5040, 65.4176

Protanopia

50.2809, 50.7462, 77.6659

Deuteranopia

51.8004, 50.5963, 63.5358



Tritanopia

60.4843, 50.4836, 49.2043

Trichromacy



Original Color

63.7910, 50.5040, 65.4176



Protanomaly

54.0289, 50.0246, 73.1377



Deuteranomaly

55.4425, 50.0796, 63.8709



Tritanomaly

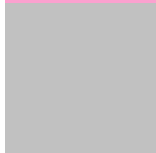
61.5277, 50.3648, 54.6226

Monochromacy



Original Color

63.7910, 50.5040, 65.4176



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

54.4485, 51.4211, 60.4816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7910, 50.5040, 65.4176 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(251, 161, 207)` looks like.

```
.text, #text, p{  
    color:rgb(251, 161, 207)  
}
```

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(251, 161, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 161, 207) }
```

Border

The CSS property to change the border of an element to XYZ 63.7910, 50.5040, 65.4176 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(251, 161, 207) }
```


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

```
.border{ border-color:rgb(251, 161, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 161, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 161, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 161, 207);  
box-shadow:4px 4px 4px 4px rgb(251, 161,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7910, 50.5040, 65.4176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 161, 207) }
```

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

```
.background{ background-color: rgb(251,  
161, 207) }
```

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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