

Converting Colors

XYZ(64.9975, 53.2540, 66.5278)

Have a look what the booklet for
XYZ(64.9975, 53.2540, 66.5278)
contains.

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Color

**XYZ(64.9975, 53.2540,
66.5278)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA9D0
RGB	250, 169, 208
RGB Percent	98%, 66%, 82%
CMY	0.0196, 0.3372, 0.1843
CMYK	0.00, 0.32, 0.17, 0.02
HSL	331°, 89%, 82%
HSV	331°, 32%, 98%
XYZ	64.9975, 53.2540, 66.5278
YIQ	197.6650, 35.7570, 29.3010

Conversions

Conversions Part 2

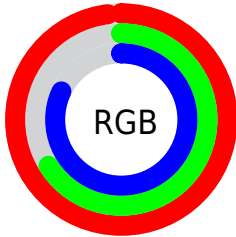
Format	Color
R _Y B	250, 169, 208
Decimal	16427472
CIE Lab	78.02, 35.23, -7.60
CIE LCh	78, 36.042, 347.827
Yxy	53.2540, 0.3518, 0.2882
Android (android.graphics.Color)	4294617552 (0xFFFAA9D0)
YUV	197.6650, 5.0952, 45.8978
Hunter-Lab	72.9753, 31.2791, -2.9689

Details

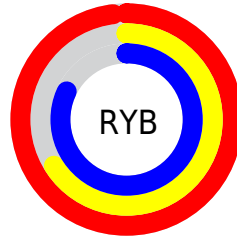
The XYZ color **64.9975, 53.2540, 66.5278** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.3080, 81.5109, 74.0811**, and the grayscale version is **53.4295, 56.2119, 61.2148**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **33.8164, 26.0303, 33.8139** is the 20% darker color. If you saturate the color by 10%, you get **59.2534, 44.2143, 57.0631**, and if you desaturate by 10%, it is **71.7643, 64.1290, 76.9778**.

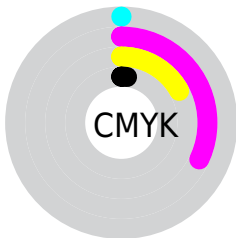
Distribution



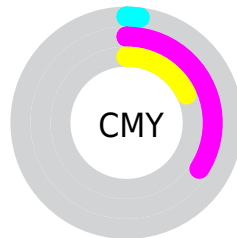
- Red (98%)
- Green (66%)
- Blue (82%)



- Red (98%)
- Yellow (66%)
- Blue (82%)



- Cyan (0%)
- Magenta (32%)
- Yellow (17%)
- Black (2%)



- Cyan (2%)
- Magenta (34%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9975, 53.2540, 66.5278 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 64.9975, 53.2540, 66.5278 by changing the saturation by 10% instead.

64.9975, 53.2540,
66.5278

64.9975, 53.2540,
66.5278

432.3283,
399.2589, 466.7178

47.7237, 38.0056,
48.2418

111.1120, 94.9780,
115.8777

33.8185, 25.9870,
33.6571

140.6834,
122.2224, 147.7788

22.9164, 16.8139,
22.3550

175.0848,
154.2342, 185.0552

14.6522, 10.1019,
13.9172

214.6815,
191.3979, 228.1256

8.6604, 5.4666,
7.9250

259.8389,
234.0978, 277.4086

4.5756, 2.5235,
3.9599

310.9222,

2.0327, 0.8884,

282.7183, 333.3225

1.6034

368.2969,
337.6439, 396.2861

■ 0.6522, 0.0000,
0.2932

■ 0.0000, 0.0000,
0.0000

■ 64.9975, 53.2540,
66.5278

■ 64.9975, 53.2540,
66.5278

■ 59.2534, 44.2143,
57.0631

■ 71.7643, 64.1290,
76.9778

■ 54.4733, 36.8996,
48.5471

■ 79.5988, 76.9269,
88.4412

■ 50.5996, 31.1993,
40.9453

■ 88.5491, 91.7381,
100.9488

■ 47.5662, 26.9863,
34.2192

■ 93.2347, 99.0642,
108.8150

■ 45.2973, 24.1146,
28.3262

■ 43.7016, 22.4077,
23.2178

■ 42.8369, 21.6891,
19.8137

Harmonies

Analogous

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



61.2986, 53.2540, 88.0179



64.9975, 53.2540, 66.5278



64.5910, 53.2540, 46.9321

Triad

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



64.9975, 53.2540, 66.5278



46.5937, 53.2540, 28.4097



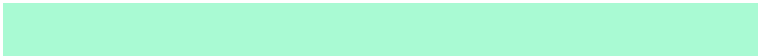
42.0807, 53.2540, 91.6293

Complementary

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



64.9975, 53.2540, 66.5278



62.3080, 81.5109, 74.0811

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.



38.8184, 53.2540, 70.6488



64.9975, 53.2540, 66.5278



41.2533, 53.2540, 35.7024

Square

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



64.9975, 53.2540, 66.5278



53.5175, 53.2540, 27.8005



38.5302, 53.2540, 50.2059



47.8219, 53.2540, 104.6007

Rectangle

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



64.9975, 53.2540, 66.5278



62.0495, 53.2540, 37.3532



38.5302, 53.2540, 50.2059



40.6817, 53.2540, 85.0839

Sweetspot

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



64.9990, 53.2565, 66.5289



85.3914, 83.9731, 95.5367



58.2665, 49.1076, 96.8509



18.0072, 17.5286, 20.0659



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.



64.9990, 53.2565, 66.5289



63.8839, 49.2185, 62.9022



61.0282, 52.0721, 44.3735



17.5927, 17.3644, 19.7110



22.7938, 11.5332, 10.8883



2.1644, 1.0895, 1.2890

Inverse Universe

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



64.9990, 53.2565, 66.5289



63.8839, 49.2185, 62.9022



67.3868, 82.8737, 102.8877



17.5927, 17.3644, 19.7110



22.7938, 11.5332, 10.8883



2.1644, 1.0895, 1.2890

Previews

White Background



This preview shows how the XYZ color 64.9975, 53.2540, 66.5278 looks on a white background.

Color Contrast Check

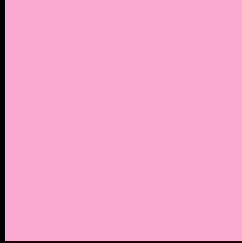
Large Text (above 18pt) WCAG AA × Fail

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 64.9975, 53.2540, 66.5278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

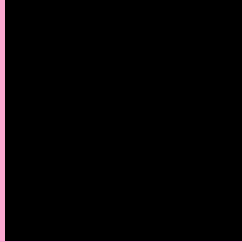
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9975, 53.2540, 66.5278

Background



This preview shows how black text looks on a background with the XYZ color 64.9975, 53.2540, 66.5278.



This preview shows how white text looks on a background with the XYZ color 64.9975, 53.2540,

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

64.9975, 53.2540, 66.5278

Protanopia

52.7735, 53.6646, 76.6841

Deuteranopia

54.7348, 53.6396, 65.2263



Tritanopia

62.1643, 53.2065, 53.4478

Trichromacy



Original Color

64.9975, 53.2540, 66.5278



Protanomaly

56.5288, 53.1396, 72.9232



Deuteranomaly

58.0959, 53.1920, 65.5976



Tritanomaly

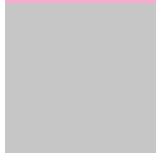
63.2015, 53.3565, 58.0067

Monochromacy



Original Color

64.9975, 53.2540, 66.5278



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

57.0463, 54.5566, 63.4009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9975, 53.2540, 66.5278 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(250, 169, 208)` looks like.

```
.text, #text, p{  
    color:rgb(250, 169, 208)  
}
```

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(250, 169, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 169, 208) }
```

Border

The CSS property to change the border of an element to XYZ 64.9975, 53.2540, 66.5278 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(250, 169, 208) }
```


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

```
.border{ border-color:rgb(250, 169, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 169, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 169, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 169, 208);  
box-shadow:4px 4px 4px 4px rgb(250, 169,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9975, 53.2540, 66.5278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 169, 208) }
```

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

```
.background{ background-color: rgb(250,  
169, 208) }
```

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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