

Converting Colors

XYZ(63.9182, 52.6114, 55.0221)

Have a look what the booklet for
XYZ(63.9182, 52.6114, 55.0221)
contains.

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Color

**XYZ(64.0610, 52.7502,
54.9495)**

Conversions

Conversions Part 1

Format	Color
Hex	FEA8BD
RGB	254, 168, 189
RGB Percent	100%, 66%, 74%
CMY	0.0039, 0.3412, 0.2588
CMYK	0.00, 0.34, 0.26, 0.00
HSL	345°, 98%, 83%
HSV	345°, 34%, 100%
XYZ	64.0610, 52.7502, 54.9495
YIQ	196.1080, 44.5150, 24.7630

Conversions

Conversions Part 2

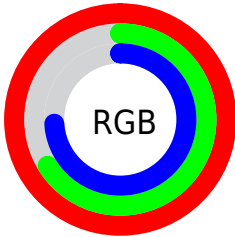
Format	Color
R_{YB}	254, 168, 189
Decimal	16689341
CIE _{Lab}	77.73, 34.39, 2.37
CIE _{LCh}	78, 34.469, 3.937
Yxy	52.7502, 0.3730, 0.3071
Android (android.graphics.Color)	4294879421 (0xFFFEA8BD)
YUV	196.1080, -3.5042, 50.7713
Hunter-Lab	72.6293, 30.3404, 5.9832

Details

The XYZ color **64.0610, 52.7502, 54.9495** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.3006, 85.0930, 90.0253**, and the grayscale version is **52.5371, 55.2731, 60.1924**.

A 20% lighter version of the original color is **84.3771, 81.1639, 97.6052**, and **33.3396, 25.7748, 26.5104** is the 20% darker color. If you saturate the color by 10%, you get **57.8737, 43.4926, 43.2768**, and if you desaturate by 10%, it is **71.4429, 63.9547, 68.3826**.

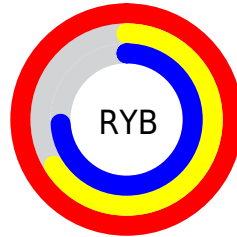
Distribution



Red (100%)

Green (66%)

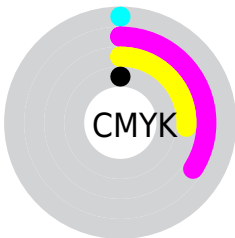
Blue (74%)



Red (100%)

Yellow (66%)

Blue (74%)

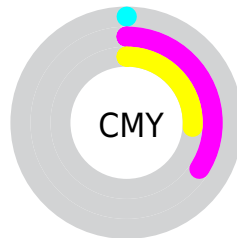


Cyan (0%)

Magenta (34%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.0610, 52.7502, 54.9495 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 64.0610, 52.7502, 54.9495 by changing the saturation by 10% instead.


 64.0610, 52.7502,
54.9495


 64.0610, 52.7502,
54.9495

429.0086,
397.3260, 422.9970

 46.9619, 37.6034,
38.9630

 109.7720, 94.2367,
98.9374

 33.2134, 25.6750,
26.4233


 139.1147,
121.3452, 127.7758

 22.4500, 16.5807,
16.9120


173.2693,
153.2096, 161.7352

 14.3064, 9.9360,
10.0105

212.6012,
190.2145, 201.2343

 8.4172, 5.3565,
5.3002

257.4757,
232.7442, 246.6914

 4.4171, 2.4579,
2.3627

308.2582,

 1.9407, 0.8555,

281.1831, 298.5252

0.7660

365.3141,
335.9156, 357.1543

■ 0.6003, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.0610, 52.7502,
54.9495

■ 64.0610, 52.7502,
54.9495

■ 57.8737, 43.4926,
43.2768

■ 71.4429, 63.9547,
68.3826

■ 52.8123, 36.0631,
33.2869

■ 80.0745, 77.2011,
83.6429

■ 48.8078, 30.3414,
24.9008

■ 90.0125, 92.5872,
100.7974

■ 45.7814, 26.1894,
18.0315

94.6832, 99.8109,
108.8828

■ 43.6425, 23.4477,
12.5831

■ 42.2823, 21.9218,
8.4475

■ 41.7431, 21.4189,
6.4933

Harmonies

Analogous

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



62.5717, 52.7502, 75.1446



64.0610, 52.7502, 54.9495



61.5560, 52.7502, 39.2639

Triad

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



64.0610, 52.7502, 54.9495



43.3089, 52.7502, 32.0214



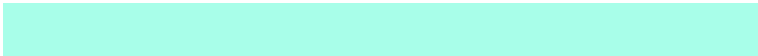
44.7078, 52.7502, 97.1818

Complementary

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



64.0610, 52.7502, 54.9495



66.3006, 85.0930, 90.0253

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.



40.2263, 52.7502, 80.4947



64.0610, 52.7502, 54.9495



39.4703, 52.7502, 42.7541

Square

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



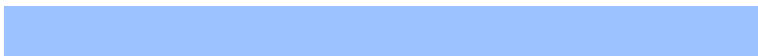
64.0610, 52.7502, 54.9495



49.2616, 52.7502, 28.0186



38.3935, 52.7502, 59.9964



51.0237, 52.7502, 102.4583

Rectangle

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



64.0610, 52.7502, 54.9495



58.0779, 52.7502, 32.5543



38.3935, 52.7502, 59.9964



42.9560, 52.7502, 92.5631

Sweetspot

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



64.0625, 52.7527, 54.9506



84.4983, 83.6159, 90.8340



65.3352, 52.4033, 100.4377



17.7919, 17.4425, 18.9323



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.



64.0625, 52.7527, 54.9506



60.0523, 46.3502, 46.8427



66.2481, 60.5111, 45.2370



18.1912, 18.0598, 19.6239



22.0557, 11.3116, 3.6778



2.1884, 1.1177, 0.5737

Inverse Universe

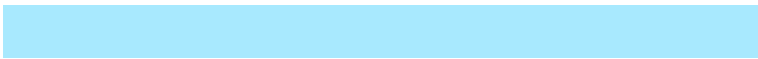
The Inverse Universe completely reimagines the original color for something new.



64.0625, 52.7527, 54.9506



60.0523, 46.3502, 46.8427



63.0374, 73.4775, 104.6265



18.1912, 18.0598, 19.6239



22.0557, 11.3116, 3.6778



2.1884, 1.1177, 0.5737

Previews

White Background



This preview shows how the XYZ color 64.0610, 52.7502, 54.9495 looks on a white background.

Color Contrast Check

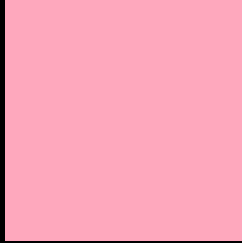
Large Text (above 18pt) WCAG AA × Fail

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 64.0610, 52.7502, 54.9495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

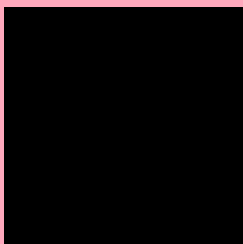
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.0610, 52.7502, 54.9495

Background



This preview shows how black text looks on a background with the XYZ color 64.0610, 52.7502, 54.9495.



This preview shows how white text looks on a background with the XYZ color 64.0610, 52.7502,

54.9495.

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

64.0610, 52.7502, 54.9495

Protanopia

51.4026, 52.9109, 64.0035

Deuteranopia

54.1534, 52.9591, 53.8223



Tritanopia

63.1395, 52.6360, 51.0879

Trichromacy



Original Color

64.0610, 52.7502, 54.9495

Protanomaly

55.1509, 52.3913, 60.6318

Deuteranomaly

57.4028, 52.4861, 54.1191

Tritanomaly

63.4529, 52.7614, 52.7386

Monochromacy



Original Color

64.0610, 52.7502, 54.9495

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

55.7998, 53.7198, 57.8801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0610, 52.7502, 54.9495 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(254, 168, 189)` looks like.

```
.text, #text, p{  
    color:rgb(254, 168, 189)  
}
```

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(254, 168, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 168, 189) }
```

Border

The CSS property to change the border of an element to XYZ 64.0610, 52.7502, 54.9495 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(254, 168, 189) }
```


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

```
.border{ border-color:rgb(254, 168, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 168, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 168, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 168, 189);  
box-shadow:4px 4px 4px 4px rgb(254, 168,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0610, 52.7502, 54.9495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 168, 189) }
```

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

```
.background{ background-color: rgb(254,  
168, 189) }
```

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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