

Converting Colors

XYZ(64.6323, 53.1494, 62.7295)

Have a look what the booklet for
XYZ(64.6323, 53.1494, 62.7295)
contains.

XYZ(64.6323, 53.1494, 62.7295)	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(64.6323, 53.1494,
62.7295)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA9CA
RGB	251, 169, 202
RGB Percent	98%, 66%, 79%
CMY	0.0157, 0.3372, 0.2078
CMYK	0.00, 0.33, 0.20, 0.02
HSL	336°, 91%, 82%
HSV	336°, 33%, 98%
XYZ	64.6323, 53.1494, 62.7295
YIQ	197.2800, 38.2790, 27.6470

Conversions

Conversions Part 2

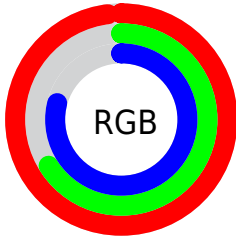
Format	Color
R _{YB}	251, 169, 202
Decimal	16493002
CIE Lab	77.96, 34.67, -4.41
CIE LCh	78, 34.950, 352.747
Yxy	53.1494, 0.3581, 0.2944
Android (android.graphics.Color)	4294683082 (0xFFFB9CA)
YUV	197.2800, 2.3270, 47.1124
Hunter-Lab	72.9036, 30.6668, 0.0168

Details

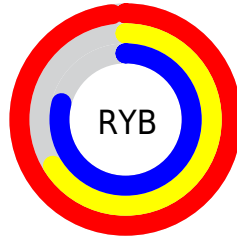
The XYZ color **64.6323, 53.1494, 62.7295** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.5165, 82.4927, 78.9086**, and the grayscale version is **53.2116, 55.9827, 60.9652**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **33.5830, 25.9664, 31.2590** is the 20% darker color. If you saturate the color by 10%, you get **58.7127, 44.0153, 52.4158**, and if you desaturate by 10%, it is **71.6238, 64.1500, 74.2534**.

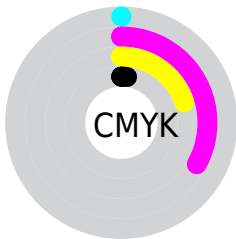
Distribution



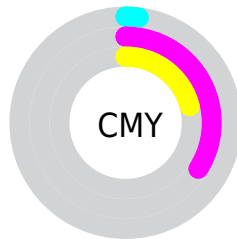
- Red (98%)
- Green (66%)
- Blue (79%)



- Red (98%)
- Yellow (66%)
- Blue (79%)



- Cyan (0%)
- Magenta (33%)
- Yellow (20%)
- Black (2%)



- Cyan (2%)
- Magenta (34%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6323, 53.1494, 62.7295 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 64.6323, 53.1494, 62.7295 by changing the saturation by 10% instead.

64.6323, 53.1494,
62.7295

64.6323, 53.1494,
62.7295

431.0356,
398.8580, 452.6680

47.4266, 37.9220,
45.1828

110.5897, 94.8242,
110.3610

33.5824, 25.9222,
31.2575

140.0721,
122.0404, 141.2828

22.7343, 16.7654,
20.5349

174.3774,
154.0217, 177.5002

14.5171, 10.0674,
12.5965

213.8711,
191.1524, 219.4316

8.5653, 5.4437,
7.0239

258.9183,
233.8170, 267.4955

4.5135, 2.5099,
3.3983


309.8846,

1.9966, 0.8816,


282.3999, 322.1105


1.3015

367.1352,
337.2855, 383.6952


 0.6320, 0.0000,
0.0630


 0.0000, 0.0000,
0.0000


 64.6323, 53.1494,
62.7295


 64.6323, 53.1494,
62.7295


 58.7127, 44.0153,
52.4158


 71.6238, 64.1500,
74.2534


 53.8042, 36.6355,
43.2662

 79.7348, 77.1063,
87.0248

 49.8465, 30.8969,
35.2357

 89.0154, 92.1106,
101.0833

 46.7705, 26.6703,
28.2749

 93.5939, 99.2494,
108.8319

■ 44.4972, 23.8065,
22.3295

■ 42.9317, 22.1252,
17.3380

■ 42.1331, 21.4490,
14.2323

Harmonies

Analogous

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



61.6578, 53.1494, 83.6328



64.6323, 53.1494, 62.7295



63.5629, 53.1494, 44.5633

Triad

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



64.6323, 53.1494, 62.7295



45.6271, 53.1494, 29.7461



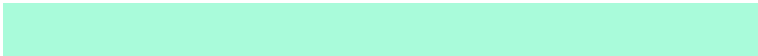
43.0067, 53.1494, 93.0949

Complementary

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



64.6323, 53.1494, 62.7295



63.5165, 82.4927, 78.9086

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.



39.3906, 53.1494, 73.5940



64.6323, 53.1494, 62.7295



40.8060, 53.1494, 38.0302

Square

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



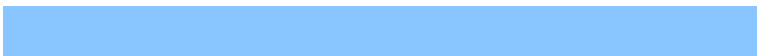
64.6323, 53.1494, 62.7295



52.1861, 53.1494, 28.1005



38.6226, 53.1494, 53.2694



48.8837, 53.1494, 103.5433

Rectangle

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



64.6323, 53.1494, 62.7295



60.7422, 53.1494, 35.9894



38.6226, 53.1494, 53.2694



41.5088, 53.1494, 87.1970

Sweetspot

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



64.6338, 53.1519, 62.7306



85.0906, 83.8528, 93.9528



60.1684, 50.0699, 97.7606



17.9346, 17.4995, 19.6834



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.



64.6338, 53.1519, 62.7306



62.9679, 48.8521, 58.0784



62.4397, 54.3617, 44.7410



17.5340, 17.3410, 19.4019



22.2141, 11.3014, 7.8360



2.1083, 1.0670, 0.9936

Inverse Universe

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



64.6338, 53.1519, 62.7306



62.9679, 48.8521, 58.0784



66.1774, 80.2032, 103.2602



17.5340, 17.3410, 19.4019



22.2141, 11.3014, 7.8360



2.1083, 1.0670, 0.9936

Previews

White Background



This preview shows how the XYZ color 64.6323, 53.1494, 62.7295 looks on a white background.

Color Contrast Check

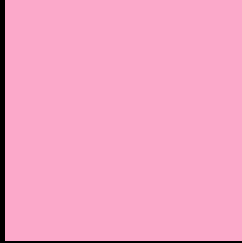
Large Text (above 18pt) WCAG AA × Fail

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 64.6323, 53.1494, 62.7295 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 64.6323, 53.1494, 62.7295

Background



This preview shows how black text looks on a background with the XYZ color 64.6323, 53.1494, 62.7295.



This preview shows how white text looks on a background with the XYZ color 64.6323, 53.1494,

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

64.6323, 53.1494, 62.7295

Protanopia

52.4795, 53.6043, 72.5464

Deuteranopia

54.3736, 53.2195, 61.4394



Tritanopia

62.5764, 53.1476, 52.8593

Trichromacy



Original Color

64.6323, 53.1494, 62.7295



Protanomaly

56.0497, 52.9812, 68.9003



Deuteranomaly

57.4871, 52.6599, 61.7781



Tritanomaly

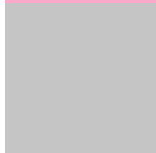
63.3912, 53.2114, 56.2200

Monochromacy



Original Color

64.6323, 53.1494, 62.7295



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.6944, 54.4159, 61.5480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6323, 53.1494, 62.7295 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, 169, 202)` looks like.

```
.text, #text, p{  
    color:rgb(251, 169, 202)  
}
```

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, 169, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 169, 202) }
```

Border

The CSS property to change the border of an element to XYZ 64.6323, 53.1494, 62.7295 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, 169, 202) }
```


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

```
.border{ border-color:rgb(251, 169, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 169, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 169, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 169, 202);  
box-shadow:4px 4px 4px 4px rgb(251, 169,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6323, 53.1494, 62.7295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 169, 202) }
```

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

```
.background{ background-color: rgb(251,  
169, 202) }
```

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