

Converting Colors

XYZ(63.3806, 53.3447, 65.9734)

Have a look what the booklet for
XYZ(63.3806, 53.3447, 65.9734)
contains.

XYZ(63.3232, 53.2431, 65.9709)	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(63.3232, 53.2431,
65.9709)**

Conversions

Conversions Part 1

Format	Color
Hex	F4ACCF
RGB	244, 172, 207
RGB Percent	96%, 67%, 81%
CMY	0.0431, 0.3255, 0.1882
CMYK	0.00, 0.30, 0.15, 0.04
HSL	331°, 77%, 82%
HSV	331°, 30%, 96%
XYZ	63.3232, 53.2431, 65.9709
YIQ	197.5180, 31.6770, 26.1490

Conversions

Conversions Part 2

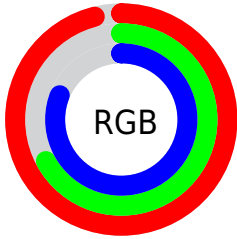
Format	Color
RYB	244, 172, 207
Decimal	16035023
CIELab	78.02, 31.44, -7.14
CIELCh	78, 32.243, 347.214
Yxy	53.2431, 0.3469, 0.2917
Android (android.graphics.Color)	4294225103 (0xFFFF4ACCF)
YUV	197.5180, 4.6746, 40.7647
Hunter-Lab	72.9679, 27.2126, -2.5271

Details

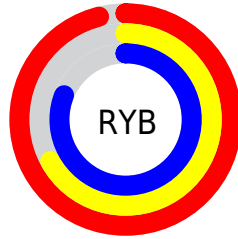
The XYZ color **63.3232, 53.2431, 65.9709** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.8748, 78.0769, 72.1871**, and the grayscale version is **53.3446, 56.1226, 61.1175**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **32.8401, 26.0584, 33.4359** is the 20% darker color. If you saturate the color by 10%, you get **57.6262, 44.2054, 56.8063**, and if you desaturate by 10%, it is **69.9976, 64.0395, 76.0633**.

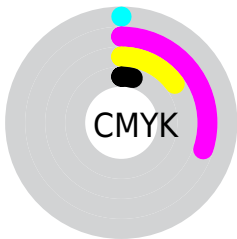
Distribution



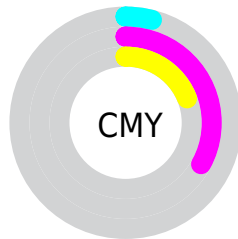
- Red (96%)
- Green (67%)
- Blue (81%)



- Red (96%)
- Yellow (67%)
- Blue (81%)



- Cyan (0%)
- Magenta (30%)
- Yellow (15%)
- Black (4%)





- Cyan (4%)
- Magenta (33%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3232, 53.2431, 65.9709 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 63.3232, 53.2431, 65.9709 by changing the saturation by 10% instead.


 63.3232, 53.2431,
65.9709

 63.3232, 53.2431,
65.9709


426.3825,
399.2171, 464.6742

 46.3624, 37.9969,
47.7924


 108.7149, 94.9620,
115.0712

 32.7377, 25.9803,
33.3037

137.8764,
122.2034, 146.8301

 22.0838, 16.8089,
22.0862

171.8355,
154.2121, 183.9529

 14.0355, 10.0983,
13.7213

210.9576,
191.3723, 226.8581

 8.2272, 5.4642,
7.7906

255.6080,
234.0686, 275.9643

 4.2937, 2.5221,
3.8754

306.1520,

 1.8696, 0.8877,

282.6852, 331.6900

1.5572

362.9551,
337.6065, 394.4538

■ 0.5591, 0.0000,
0.2600

■ 0.0000, 0.0000,
0.0000

■ 63.3232, 53.2431,
65.9709

■ 63.3232, 53.2431,
65.9709

■ 57.6262, 44.2054,
56.8063

■ 69.9976, 64.0395,
76.0633

■ 52.8524, 36.8244,
48.5357

■ 77.6907, 76.6745,
87.1088

■ 48.9493, 30.9991,
41.1279

■ 86.4468, 91.2322,
99.1358

■ 45.8568, 26.6141,
34.5478

■ 91.1185, 97.9732,
108.7160

■ 43.5065, 23.5378,
28.7571

■ 41.8178, 21.6141,
23.7127

■ 40.6648, 20.5967,
19.3554

■ 40.6145, 20.5556,
19.1552

Harmonies

Analogous

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



59.9984, 53.2431, 84.7890



63.3232, 53.2431, 65.9709



63.0432, 53.2431, 48.3260

Triad

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



63.3232, 53.2431, 65.9709



47.1148, 53.2431, 30.8092



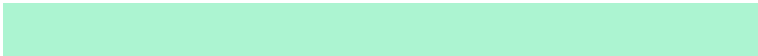
42.8364, 53.2431, 87.2471

Complementary

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



63.3232, 53.2431, 65.9709



60.8748, 78.0769, 72.1871

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.



39.9225, 53.2431, 68.8246



63.3232, 53.2431, 65.9709



42.2487, 53.2431, 37.5062

Square

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



63.3232, 53.2431, 65.9709



53.3267, 53.2431, 30.3576



39.7167, 53.2431, 50.6486



47.9794, 53.2431, 98.6757

Rectangle

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



63.3232, 53.2431, 65.9709



60.8481, 53.2431, 39.4667



39.7167, 53.2431, 50.6486



41.5830, 53.2431, 81.5123

Sweetspot

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



63.3247, 53.2455, 65.9720



86.3194, 85.4849, 96.9075



57.0962, 49.4493, 92.1240



18.1933, 17.8302, 20.3451



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.



63.3247, 53.2455, 65.9720



66.3559, 53.0516, 67.1503



59.5091, 51.7193, 45.8790



16.8348, 16.6168, 18.8765



22.1523, 11.2043, 10.7762



1.9987, 1.0054, 1.2195

Inverse Universe

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



63.3247, 53.2455, 65.9720



66.3559, 53.0516, 67.1503



65.6947, 80.0049, 97.5686



16.8348, 16.6168, 18.8765



22.1523, 11.2043, 10.7762



1.9987, 1.0054, 1.2195

Previews

White Background



This preview shows how the XYZ color 63.3232, 53.2431, 65.9709 looks on a white background.

Color Contrast Check

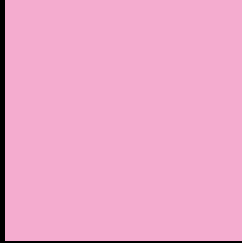
Large Text (above 18pt) WCAG AA × Fail

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 63.3232, 53.2431, 65.9709 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 63.3232, 53.2431, 65.9709

Background



This preview shows how black text looks on a background with the XYZ color 63.3232, 53.2431, 65.9709.



This preview shows how white text looks on a background with the XYZ color 63.3232, 53.2431,

65.9709.

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

63.3232, 53.2431, 65.9709

Protanopia

52.6221, 53.6326, 74.5965

Deuteranopia

54.6144, 53.5915, 64.5924



Tritanopia

61.1332, 53.2113, 55.1929

Trichromacy



Original Color

63.3232, 53.2431, 65.9709

Protanomaly

55.9092, 53.1595, 71.6041

Deuteranomaly

57.2626, 53.0793, 64.9849

Tritanomaly

62.0620, 53.3123, 59.2438

Monochromacy



Original Color

63.3232, 53.2431, 65.9709

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.7645, 55.0593, 62.8940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3232, 53.2431, 65.9709 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(244, 172, 207)` looks like.

```
.text, #text, p{  
    color:rgb(244, 172, 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(244, 172, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 172, 207) }
```

Border

The CSS property to change the border of an element to XYZ 63.3232, 53.2431, 65.9709 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(244, 172, 207) }
```


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

```
.border{ border-color:rgb(244, 172, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 172, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 172, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 172, 207);  
box-shadow:4px 4px 4px 4px rgb(244, 172,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3232, 53.2431, 65.9709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 172, 207) }
```

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

```
.background{ background-color: rgb(244,  
172, 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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