

Converting Colors

XYZ(65.3032, 55.1776, 62.7591)

Have a look what the booklet for
XYZ(65.3032, 55.1776, 62.7591)
contains.

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Color

**XYZ(65.2969, 55.2010,
62.4717)**

Conversions

Conversions Part 1

Format	Color
Hex	FAAFC9
RGB	250, 175, 201
RGB Percent	98%, 69%, 79%
CMY	0.0196, 0.3137, 0.2118
CMYK	0.00, 0.30, 0.20, 0.02
HSL	339°, 88%, 83%
HSV	339°, 30%, 98%
XYZ	65.2969, 55.2010, 62.4717
YIQ	200.3890, 36.3540, 23.9860

Conversions

Conversions Part 2

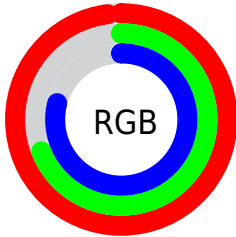
Format	Color
R _Y B	250, 175, 201
Decimal	16429001
CIE Lab	79.16, 31.03, -2.13
CIE LCh	79, 31.099, 356.080
Yxy	55.2010, 0.3569, 0.3017
Android (android.graphics.Color)	4294619081 (0xFFFAAFC9)
YUV	200.3890, 0.3012, 43.5088
Hunter-Lab	74.2974, 26.8559, 2.1552

Details

The XYZ color **65.2969, 55.2010, 62.4717** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.3217, 82.8683, 83.0773**, and the grayscale version is **55.1233, 57.9941, 63.1555**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **33.9642, 27.2321, 31.0700** is the 20% darker color. If you saturate the color by 10%, you get **59.0537, 45.6275, 51.4093**, and if you desaturate by 10%, it is **72.6483, 66.6628, 74.9129**.

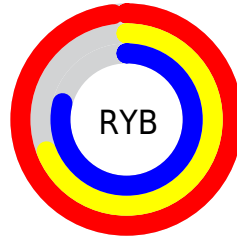
Distribution



Red (98%)

Green (69%)

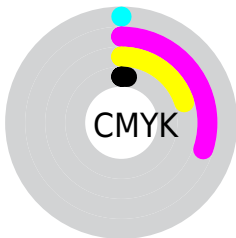
Blue (79%)



Red (98%)

Yellow (69%)

Blue (79%)

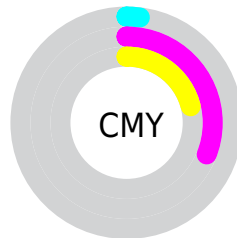


Cyan (0%)

Magenta (30%)

Yellow (20%)

Black (2%)



Cyan (2%)


Magenta (31%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.2969, 55.2010, 62.4717 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 65.2969, 55.2010, 62.4717 by changing the saturation by 10% instead.


 65.2969, 55.2010,
62.4717

 65.2969, 55.2010,
62.4717


433.3865,
406.6734, 451.7047

 47.9675, 39.5627,
44.9757


 111.5399, 97.8354,
109.9852

 34.0123, 27.1977,
31.0955


141.1842,
125.6002, 140.8397

 23.0660, 17.7218,
20.4125


175.6642,
158.1761, 176.9842

 14.7632, 10.7504,
12.5082

215.3452,
195.9472, 218.8372

 8.7386, 5.8993,
6.9640

260.5926,
239.2982, 266.8172

 4.6268, 2.7839,
3.3615

311.7717,

 2.0625, 1.0200,

288.6132, 321.3428

1.2821

369.2479,
344.2768, 382.8324

0.6687, 0.0000,
0.0470

0.0000, 0.0000,
0.0000

65.2969, 55.2010,
62.4717

65.2969, 55.2010,
62.4717

59.0537, 45.6275,
51.4093

72.6483, 66.6628,
74.9129

53.8578, 37.8324,
41.6721

81.1553, 80.0995,
88.7769

49.6496, 31.7065,
33.2081

90.8681, 95.6017,
104.1098

46.3611, 27.1251,
25.9596

93.2345, 99.0641,
108.8150

■ 43.9150, 23.9456,
19.8640

■ 42.2202, 21.9988,
14.8516

■ 41.1310, 21.0068,
10.8311

■ 41.1308, 21.0066,
10.8303

Harmonies

Analogous

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



63.0065, 55.2010, 81.2668



65.2969, 55.2010, 62.4717



63.9329, 55.2010, 46.2958

Triad

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



65.2969, 55.2010, 62.4717



47.3932, 55.2010, 34.3351



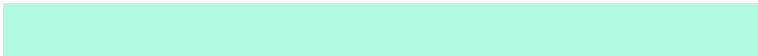
46.0848, 55.2010, 93.1626

Complementary

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



65.2969, 55.2010, 62.4717



65.3217, 82.8683, 83.0773

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.



42.4609, 55.2010, 76.4176



65.2969, 55.2010, 62.4717



43.1735, 55.2010, 42.9774

Square

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



65.2969, 55.2010, 62.4717



53.2871, 55.2010, 32.0470



41.4382, 55.2010, 57.7979



51.6552, 55.2010, 101.0594

Rectangle

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



65.2969, 55.2010, 62.4717



61.1884, 55.2010, 38.6933



41.4382, 55.2010, 57.7979



44.6162, 55.2010, 88.2389

Sweetspot

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



65.2985, 55.2036, 62.4728



85.8396, 85.2930, 94.3810



63.2504, 53.3723, 97.4111



18.0754, 17.7831, 19.7243



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.



65.2985, 55.2036, 62.4728



64.2254, 51.4665, 58.1908



64.7758, 58.6450, 48.4662



17.4930, 17.3245, 19.1857



21.8779, 11.1669, 6.0656



2.0741, 1.0534, 0.8139

Inverse Universe

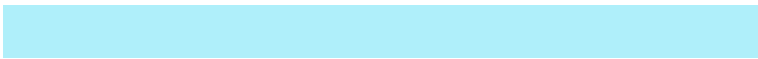
The Inverse Universe completely reimagines the original color for something new.



65.2985, 55.2036, 62.4728



64.2254, 51.4665, 58.1908



65.7297, 77.6044, 101.9577



17.4930, 17.3245, 19.1857



21.8779, 11.1669, 6.0656



2.0741, 1.0534, 0.8139

Previews

White Background



This preview shows how the XYZ color 65.2969, 55.2010, 62.4717 looks on a white background.

Color Contrast Check

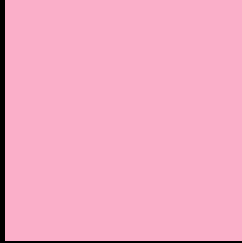
Large Text (above 18pt) WCAG AA × Fail

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 65.2969, 55.2010, 62.4717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

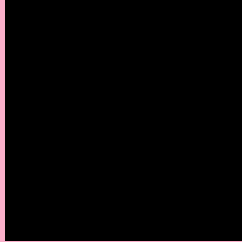
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2969, 55.2010, 62.4717

Background



This preview shows how black text looks on a background with the XYZ color 65.2969, 55.2010, 62.4717.



This preview shows how white text looks on a background with the XYZ color 65.2969, 55.2010,

62.4717.

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

65.2969, 55.2010, 62.4717

Protanopia

54.0310, 55.4364, 70.8033

Deuteranopia

56.3381, 55.2003, 61.1115



Tritanopia

64.0833, 55.3017, 56.0119

Trichromacy



Original Color

65.2969, 55.2010, 62.4717



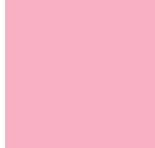
Protanomaly

57.5162, 55.0170, 67.9095



Deuteranomaly

59.3363, 55.1523, 61.5509



Tritanomaly

64.3299, 55.0854, 58.2809

Monochromacy



Original Color

65.2969, 55.2010, 62.4717



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

57.9696, 56.3372, 62.4624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2969, 55.2010, 62.4717 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, 175, 201)` looks like.

```
.text, #text, p{  
    color:rgb(250, 175, 201)  
}
```

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, 175, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 175, 201) }
```

Border

The CSS property to change the border of an element to XYZ 65.2969, 55.2010, 62.4717 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, 175, 201) }
```


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

```
.border{ border-color:rgb(250, 175, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 175, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 175, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 175, 201);  
box-shadow:4px 4px 4px 4px rgb(250, 175,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2969, 55.2010, 62.4717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 175, 201) }
```

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

```
.background{ background-color: rgb(250,  
175, 201) }
```

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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