

Converting Colors

XYZ(63.5833, 51.4418, 62.9764)

Have a look what the booklet for
XYZ(63.5833, 51.4418, 62.9764)
contains.

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Color

**XYZ(63.6590, 51.5461,
63.0941)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA5CB
RGB	250, 165, 203
RGB Percent	98%, 65%, 80%
CMY	0.0196, 0.3529, 0.2039
CMYK	0.00, 0.34, 0.19, 0.02
HSL	333°, 89%, 81%
HSV	333°, 34%, 98%
XYZ	63.6590, 51.5461, 63.0941
YIQ	194.7470, 38.4620, 29.8380

Conversions

Conversions Part 2

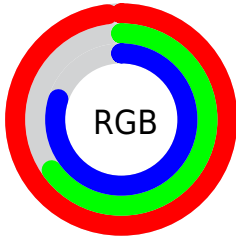
Format	Color
R _Y B	250, 165, 203
Decimal	16426443
CIE Lab	77.01, 36.57, -6.38
CIE LCh	77, 37.119, 350.102
Yxy	51.5461, 0.3570, 0.2891
Android (android.graphics.Color)	4294616523 (0xFFFAA5CB)
YUV	194.7470, 4.0687, 48.4569
Hunter-Lab	71.7956, 32.6282, -1.8472

Details

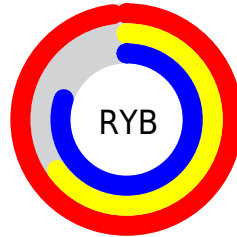
The XYZ color **63.6590, 51.5461, 63.0941** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.5886, 81.1254, 74.7040**, and the grayscale version is **51.6831, 54.3747, 59.2140**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **32.9572, 24.9647, 31.5154** is the 20% darker color. If you saturate the color by 10%, you get **58.0081, 42.7639, 53.4416**, and if you desaturate by 10%, it is **70.3411, 62.1545, 73.8163**.

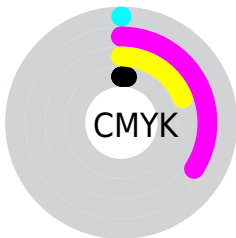
Distribution



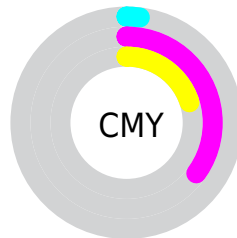
- Red (98%)
- Green (65%)
- Blue (80%)



- Red (98%)
- Yellow (65%)
- Blue (80%)



- Cyan (0%)
- Magenta (34%)
- Yellow (19%)
- Black (2%)





- Cyan (2%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.6590, 51.5461, 63.0941 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 63.6590, 51.5461, 63.0941 by changing the saturation by 10% instead.


 63.6590, 51.5461,
63.0941


 63.6590, 51.5461,
63.0941

427.5789,
392.6818, 454.0283

 46.6352, 36.6434,
45.4759

 109.1962, 92.4615,
110.8921

 32.9541, 24.9315,
31.4867


 138.4403,
119.2430, 141.9090

 22.2503, 16.0260,
20.7082

172.4885,
150.7528, 178.2292

 14.1586, 9.5426,
12.7217

211.7062,
187.3755, 220.2712

 8.3135, 5.0967,
7.1087

256.4587,
229.4953, 268.4535

 4.3497, 2.3041,
3.4507

307.1114,

 1.9018, 0.7759,

277.4967, 323.1948

1.3291

364.0297,
331.7641, 384.9135

■ 0.5779, 0.0000,
0.0855

■ 0.0000, 0.0000,
0.0000

■ 63.6590, 51.5461,
63.0941

■ 63.6590, 51.5461,
63.0941

■ 58.0081, 42.7639,
53.4416

■ 70.3411, 62.1545,
73.8163

■ 53.3286, 35.6960,
44.8184

■ 78.1011, 74.6780,
85.6402

■ 49.5610, 30.2294,
37.1855

■ 86.9878, 89.2086,
98.6002

■ 46.6371, 26.2341,
30.4997

■ 93.2346, 99.0641,
108.8150

■ 44.4782, 23.5600,
24.7133

■ 42.9890, 22.0233,
19.7719

■ 42.3357, 21.4886,
17.1747

Harmonies

Analogous

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



60.1926, 51.5461, 85.0187



63.6590, 51.5461, 63.0941



62.9159, 51.5461, 43.7670

Triad

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



63.6590, 51.5461, 63.0941



44.4630, 51.5461, 26.9045



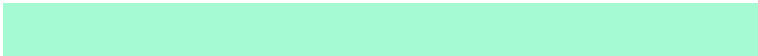
40.7724, 51.5461, 91.6496

Complementary

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



63.6590, 51.5461, 63.0941



61.5886, 81.1254, 74.7040

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.



37.2924, 51.5461, 70.6142



63.6590, 51.5461, 63.0941



39.2767, 51.5461, 34.6543

Square

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



63.6590, 51.5461, 63.0941



51.3696, 51.5461, 25.8204



36.7726, 51.5461, 49.6889



46.6909, 51.5461, 103.9391

Rectangle

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



63.6590, 51.5461, 63.0941



60.1567, 51.5461, 34.5769



36.7726, 51.5461, 49.6889



39.3037, 51.5461, 85.1596

Sweetspot

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



63.6605, 51.5485, 63.0951



85.2600, 83.9206, 94.8448



57.7920, 47.7751, 96.6186



17.9755, 17.5159, 19.8987



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.



63.6605, 51.5485, 63.0951



62.3177, 47.2564, 58.7724



60.4523, 51.5122, 42.3570



17.5671, 17.3542, 19.5760



22.5261, 11.4261, 9.4786



2.1388, 1.0793, 1.1544

Inverse Universe

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



63.6605, 51.5485, 63.0951



62.3177, 47.2564, 58.7724



65.6539, 80.6623, 102.5521



17.5671, 17.3542, 19.5760



22.5261, 11.4261, 9.4786



2.1388, 1.0793, 1.1544

Previews

White Background



This preview shows how the XYZ color 63.6590, 51.5461, 63.0941 looks on a white background.

Color Contrast Check

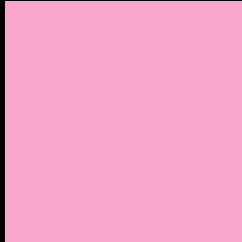
Large Text (above 18pt) WCAG AA × Fail

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 63.6590, 51.5461, 63.0941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

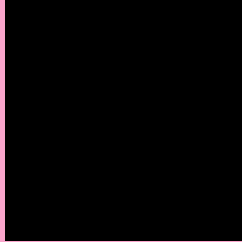
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.6590, 51.5461, 63.0941

Background



This preview shows how black text looks on a background with the XYZ color 63.6590, 51.5461, 63.0941.



This preview shows how white text looks on a background with the XYZ color 63.6590, 51.5461,

63.0941.

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

63.6590, 51.5461, 63.0941

Protanopia

51.1022, 51.8963, 73.6533

Deuteranopia

52.8346, 51.8006, 61.2467



Tritanopia

61.3429, 51.7098, 51.0038

Trichromacy



Original Color

63.6590, 51.5461, 63.0941



Protanomaly

54.6260, 51.0019, 69.9160



Deuteranomaly

56.1645, 51.3831, 61.6013



Tritanomaly

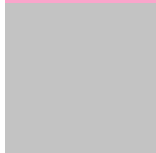
62.3638, 51.8627, 55.4388

Monochromacy



Original Color

63.6590, 51.5461, 63.0941



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.3579, 52.8053, 60.7008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6590, 51.5461, 63.0941 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, 165, 203)` looks like.

```
.text, #text, p{  
    color:rgb(250, 165, 203)  
}
```

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, 165, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 165, 203) }
```

Border

The CSS property to change the border of an element to XYZ 63.6590, 51.5461, 63.0941 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, 165, 203) }
```


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

```
.border{ border-color:rgb(250, 165, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 165, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 165, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 165, 203);  
box-shadow:4px 4px 4px 4px rgb(250, 165,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6590, 51.5461, 63.0941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 165, 203) }
```

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

```
.background{ background-color: rgb(250,  
165, 203) }
```

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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