

Converting Colors

XYZ(63.6665, 51.4723, 54.5407)

Have a look what the booklet for
XYZ(63.6665, 51.4723, 54.5407)
contains.

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Color

**XYZ(63.7008, 51.4850,
54.7243)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA4BD
RGB	255, 164, 189
RGB Percent	100%, 64%, 74%
CMY	0.0000, 0.3568, 0.2588
CMYK	0.00, 0.36, 0.26, 0.00
HSL	344°, 100%, 82%
HSV	344°, 36%, 100%
XYZ	63.7008, 51.4850, 54.7243
YIQ	194.0590, 46.2110, 27.0670

Conversions

Conversions Part 2

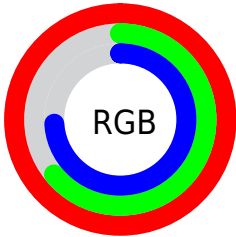
Format	Color
R _Y B	255, 164, 189
Decimal	16753853
CIE Lab	76.97, 36.82, 1.28
CIE LCh	77, 36.843, 1.994
Yxy	51.4850, 0.3749, 0.3030
Android (android.graphics.Color)	4294943933 (0xFFFFA4BD)
YUV	194.0590, -2.4941, 53.4453
Hunter-Lab	71.7530, 32.9006, 5.0081

Details

The XYZ color **63.7008, 51.4850, 54.7243** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.3548, 85.1266, 87.8533**, and the grayscale version is **51.3094, 53.9815, 58.7858**.

A 20% lighter version of the original color is **83.3146, 79.0390, 97.2511**, and **32.8933, 24.8822, 26.3616** is the 20% darker color. If you saturate the color by 10%, you get **57.7049, 42.5040, 43.4442**, and if you desaturate by 10%, it is **70.8700, 62.4027, 67.6599**.

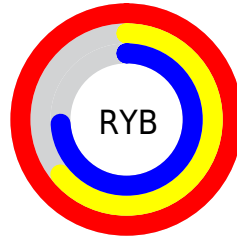
Distribution



Red (100%)

Green (64%)

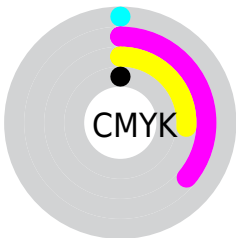
Blue (74%)



Red (100%)

Yellow (64%)

Blue (74%)

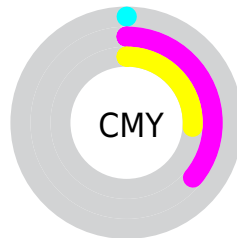


Cyan (0%)

Magenta (36%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7008, 51.4850, 54.7243 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 63.7008, 51.4850, 54.7243 by changing the saturation by 10% instead.


 63.7008, 51.4850,
54.7243


 63.7008, 51.4850,
54.7243


427.7277,
392.4452, 422.1185

 46.6692, 36.5947,
38.7839

 109.2561, 92.3713,
98.6040

 32.9810, 24.8939,
26.2851


 138.5104,
119.1361, 127.3804

 22.2711, 15.9980,
16.8094


172.5697,
150.6279, 161.2725

 14.1739, 9.5227,
9.9382

211.7993,
187.2310, 200.6990

 8.3243, 5.0837,
5.2529

256.5645,
229.3299, 246.0782

 4.3567, 2.2964,
2.3351

307.2308,

 1.9058, 0.7718,

277.3090, 297.8289

0.7508

364.1634,
331.5526, 356.3694

■ 0.5802, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.7008, 51.4850,
54.7243

■ 63.7008, 51.4850,
54.7243

■ 57.7049, 42.5040,
43.4442

■ 70.8700, 62.4027,
67.6599

■ 52.8142, 35.3390,
33.7476

■ 79.2684, 75.3546,
82.3128

■ 48.9586, 29.8664,
25.5616

■ 88.9526, 90.4400,
98.7449

■ 46.0586, 25.9442,
18.8056

95.0500, 100.0000,
108.9000

■ 44.0218, 23.4068,
13.3909

■ 42.7359, 22.0500,
9.2167

■ 42.3469, 21.7028,
7.7590

Harmonies

Analogous

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



61.8446, 51.4850, 76.2382



63.7008, 51.4850, 54.7243



61.2973, 51.4850, 37.9714

Triad

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



63.7008, 51.4850, 54.7243



42.1267, 51.4850, 29.2511



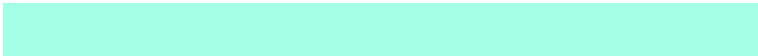
42.8670, 51.4850, 97.5793

Complementary

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



63.7008, 51.4850, 54.7243



65.3548, 85.1266, 87.8533

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.



38.3576, 51.4850, 79.1334



63.7008, 51.4850, 54.7243



37.9598, 51.4850, 39.7964

Square

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



63.7008, 51.4850, 54.7243



48.4669, 51.4850, 25.6222



36.6478, 51.4850, 57.4140



49.4060, 51.4850, 104.2415

Rectangle

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



63.7008, 51.4850, 54.7243



57.7248, 51.4850, 30.7843



36.6478, 51.4850, 57.4140



41.0860, 51.4850, 92.3641

Sweetspot

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



63.7020, 51.4873, 54.7253



83.6410, 82.1491, 89.7842



63.7094, 50.4671, 100.9910



17.6254, 17.1519, 18.7459



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.



63.7020, 51.4873, 54.7253



59.2030, 44.7316, 46.3133



65.0241, 58.1060, 42.9134



18.2143, 18.0691, 19.7459



22.1807, 11.3616, 4.3362



2.2034, 1.1237, 0.6523

Inverse Universe

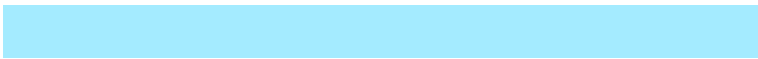
The Inverse Universe completely reimagines the original color for something new.



63.7020, 51.4873, 54.7253



59.2030, 44.7316, 46.3133



63.1510, 74.6930, 105.6965



18.2143, 18.0691, 19.7459



22.1807, 11.3616, 4.3362



2.2034, 1.1237, 0.6523

Previews

White Background



This preview shows how the XYZ color 63.7008, 51.4850, 54.7243 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 63.7008, 51.4850, 54.7243 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 63.7008, 51.4850, 54.7243

Background



This preview shows how black text looks on a background with the XYZ color 63.7008, 51.4850, 54.7243.



This preview shows how white text looks on a background with the XYZ color 63.7008, 51.4850,

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

63.7008, 51.4850, 54.7243

Protanopia

50.3319, 51.7020, 64.4534

Deuteranopia

52.7614, 51.6326, 53.0842



Tritanopia

62.5452, 51.5576, 48.7746

Trichromacy



Original Color

63.7008, 51.4850, 54.7243



Protanomaly

54.3616, 51.0622, 61.0236



Deuteranomaly

56.2636, 51.3203, 53.3948



Tritanomaly

62.7717, 51.3585, 50.8607

Monochromacy



Original Color

63.7008, 51.4850, 54.7243



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.7668, 52.2717, 57.0721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7008, 51.4850, 54.7243 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(255, 164, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 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(255, 164, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 189) }
```

Border

The CSS property to change the border of an element to XYZ 63.7008, 51.4850, 54.7243 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(255, 164, 189) }
```


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

```
.border{ border-color:rgb(255, 164, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7008, 51.4850, 54.7243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 189) }
```

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

```
.background{ background-color: rgb(255,  
164, 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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