

Converting Colors

XYZ(64.7650, 53.4808, 79.8747)

Have a look what the booklet for
XYZ(64.7650, 53.4808, 79.8747)
contains.

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Color

**XYZ(64.7037, 53.3726,
79.5647)**

Conversions

Conversions Part 1

Format	Color
Hex	F1ABE3
RGB	241, 171, 227
RGB Percent	95%, 67%, 89%
CMY	0.0549, 0.3294, 0.1098
CMYK	0.00, 0.29, 0.06, 0.05
HSL	312°, 71%, 81%
HSV	312°, 29%, 95%
XYZ	64.7037, 53.3726, 79.5647
YIQ	198.3140, 23.7440, 32.2560

Conversions

Conversions Part 2

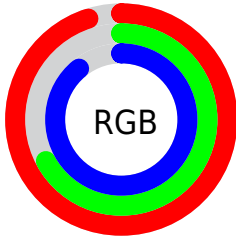
Format	Color
R_{YB}	241, 171, 227
Decimal	15838179
CIE _{Lab}	78.09, 34.27, -17.91
CIE _{LCh}	78, 38.665, 332.404
Yxy	53.3726, 0.3274, 0.2700
Android (android.graphics.Color)	4294028259 (0xFFFF1ABE3)
YUV	198.3140, 14.1422, 37.4356
Hunter-Lab	73.0566, 30.2424, -13.4322

Details

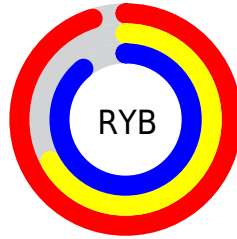
The XYZ color **64.7037, 53.3726, 79.5647** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.0091, 75.0730, 57.3880**, and the grayscale version is **53.7754, 56.5759, 61.6111**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **33.6920, 26.1258, 42.2967** is the 20% darker color. If you saturate the color by 10%, you get **59.9042, 44.8226, 74.7285**, and if you desaturate by 10%, it is **70.3550, 63.5946, 84.7779**.

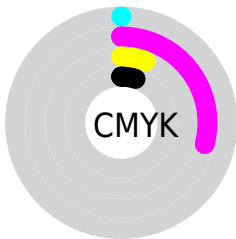
Distribution



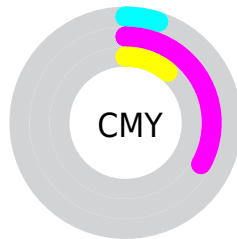
- Red (95%)
- Green (67%)
- Blue (89%)



- Red (95%)
- Yellow (67%)
- Blue (89%)



- Cyan (0%)
- Magenta (29%)
- Yellow (6%)
- Black (5%)



- Cyan (5%)
- Magenta (33%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.7037, 53.3726, 79.5647 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 64.7037, 53.3726, 79.5647 by changing the saturation by 10% instead.

64.7037, 53.3726,
79.5647

64.7037, 53.3726,
79.5647

431.2885,
399.7130, 513.1327

47.4847, 38.1003,
58.8362

110.6918, 95.1524,
134.5594

33.6285, 26.0605,
42.0621

140.1917,
122.4287, 169.6627

22.7699, 16.8689,
28.8240

174.5158,
154.4752, 210.3946

14.5435, 10.1411,
18.7033

214.0296,
191.6761, 257.1736

8.5838, 5.4926,
11.2814

259.0984,
234.4160, 310.4184

4.5257, 2.5391,
6.1399

310.0876,

2.0036, 0.8961,

283.0792, 370.5475

2.8602

367.3625,
338.0500, 437.9794

■ 0.6360, 0.0000,
1.0237

■ 0.0000, 0.0000,
0.0000

■ 64.7037, 53.3726,
79.5647

■ 64.7037, 53.3726,
79.5647

■ 59.9042, 44.8226,
74.7285

■ 70.3550, 63.5946,
84.7779

■ 55.9062, 37.8471,
70.2501

■ 76.8951, 75.5650,
90.3794

■ 52.6619, 32.3496,
66.1133

■ 84.3647, 89.3640,
96.3842

■ 50.1161, 28.2200,
62.2991

■ 88.7142, 96.8922,
101.4429

■ 48.2059, 25.3326,
58.7855

■ 89.4650, 97.1926,
105.3970

■ 46.8566, 23.5387,
55.5472

■ 90.0861, 97.4410,
108.6677

■ 45.9556, 22.6128,
52.5455

■ 45.8791, 22.5422,
52.2663

Harmonies

Analogous

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



58.9078, 53.3726, 100.7270



64.7037, 53.3726, 79.5647



66.6491, 53.3726, 56.3883

Triad

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



64.7037, 53.3726, 79.5647



50.1230, 53.3726, 25.7003



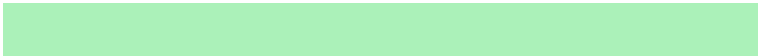
39.4393, 53.3726, 83.3448

Complementary

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



64.7037, 53.3726, 79.5647



57.0091, 75.0730, 57.3880

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.



37.5704, 53.3726, 59.8739



64.7037, 53.3726, 79.5647



43.3447, 53.3726, 29.6183

Square

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



64.7037, 53.3726, 79.5647



57.7510, 53.3726, 28.5202



38.9270, 53.3726, 40.9127



44.3007, 53.3726, 103.2626

Rectangle

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



64.7037, 53.3726, 79.5647



65.3592, 53.3726, 43.6723



38.9270, 53.3726, 40.9127



38.4633, 53.3726, 75.4320

Sweetspot

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



64.7053, 53.3750, 79.5658



87.4303, 85.9292, 102.7575



50.4500, 45.7937, 89.4003



18.4675, 17.9399, 21.7894



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.



64.7053, 53.3750, 79.5658



70.1386, 54.5647, 87.0698



60.3550, 51.6348, 56.6571



16.3109, 15.9741, 19.1932



24.9283, 12.2437, 28.6024



2.1078, 1.0322, 2.5586

Inverse Universe

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



64.7053, 53.3750, 79.5658



70.1386, 54.5647, 87.0698



61.1701, 76.7375, 79.2998



16.3109, 15.9741, 19.1932



24.9283, 12.2437, 28.6024



2.1078, 1.0322, 2.5586

Previews

White Background



This preview shows how the XYZ color 64.7037, 53.3726, 79.5647 looks on a white background.

Color Contrast Check

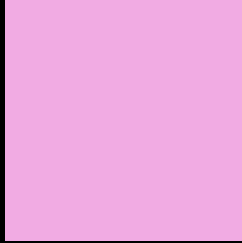
Large Text (above 18pt) WCAG AA × Fail

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 64.7037, 53.3726, 79.5647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

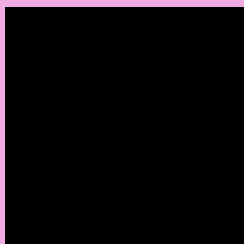
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.7037, 53.3726, 79.5647

Background



This preview shows how black text looks on a background with the XYZ color 64.7037, 53.3726, 79.5647.



This preview shows how white text looks on a background with the XYZ color 64.7037, 53.3726,

79.5647.

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

64.7037, 53.3726, 79.5647

Protanopia

54.0182, 53.9952, 90.7941

Deuteranopia

54.9408, 53.7828, 78.0064



Tritanopia

59.9164, 53.4352, 56.4463

Trichromacy



Original Color

64.7037, 53.3726, 79.5647



Protanomaly

56.9094, 53.0336, 86.5939



Deuteranomaly

58.0501, 53.1883, 78.4410



Tritanomaly

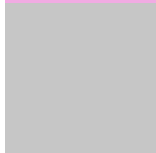
61.4890, 53.1967, 64.1539

Monochromacy



Original Color

64.7037, 53.3726, 79.5647



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

57.2234, 54.8660, 67.8958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7037, 53.3726, 79.5647 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(241, 171, 227)` looks like.

```
.text, #text, p{  
    color:rgb(241, 171, 227)  
}
```

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(241, 171, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 171, 227) }
```

Border

The CSS property to change the border of an element to XYZ 64.7037, 53.3726, 79.5647 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(241, 171, 227) }
```


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

```
.border{ border-color:rgb(241, 171, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 171, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 171, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 171, 227);  
box-shadow:4px 4px 4px 4px rgb(241, 171,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7037, 53.3726, 79.5647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 171, 227) }
```

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

```
.background{ background-color: rgb(241,  
171, 227) }
```

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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