

Converting Colors

XYZ(64.8134, 54.0154, 54.1548)

Have a look what the booklet for
XYZ(64.8134, 54.0154, 54.1548)
contains.

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Color

**XYZ(64.7726, 53.9737,
54.0178)**

Conversions

Conversions Part 1

Format	Color
Hex	FFABBB
RGB	255, 171, 187
RGB Percent	100%, 67%, 73%
CMY	0.0000, 0.3294, 0.2667
CMYK	0.00, 0.33, 0.27, 0.00
HSL	349°, 100%, 84%
HSV	349°, 33%, 100%
XYZ	64.7726, 53.9737, 54.0178
YIQ	197.9400, 44.9280, 22.7840

Conversions

Conversions Part 2

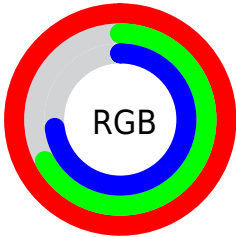
Format	Color
R _Y B	255, 171, 187
Decimal	16755643
CIE Lab	78.45, 32.91, 4.51
CIE LCh	78, 33.213, 7.807
Yxy	53.9737, 0.3749, 0.3124
Android (android.graphics.Color)	4294945723 (0xFFFFA8BB)
YUV	197.9400, -5.3934, 50.0416
Hunter-Lab	73.4668, 28.8091, 7.8327

Details

The XYZ color **64.7726, 53.9737, 54.0178** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.1368, 86.4110, 94.7532**, and the grayscale version is **53.6539, 56.4481, 61.4720**.

A 20% lighter version of the original color is **84.8867, 82.6692, 96.2768**, and **33.8075, 26.5484, 25.8968** is the 20% darker color. If you saturate the color by 10%, you get **58.3587, 44.4322, 41.7488**, and if you desaturate by 10%, it is **72.4359, 65.5054, 68.2720**.

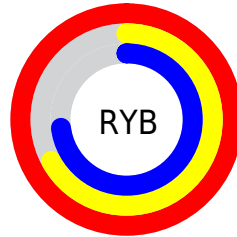
Distribution



Red (100%)

Green (67%)

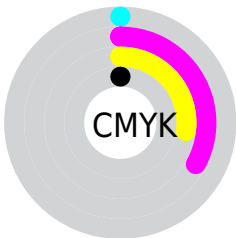
Blue (73%)



Red (100%)

Yellow (67%)

Blue (73%)

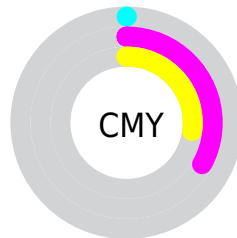


Cyan (0%)

Magenta (33%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.7726, 53.9737, 54.0178 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 64.7726, 53.9737, 54.0178 by changing the saturation by 10% instead.


 64.7726, 53.9737,
54.0178

 64.7726, 53.9737,
54.0178


431.5325,
402.0097, 419.3544

 47.5407, 38.5806,
38.2226


 110.7904, 96.0356,
97.5570

 33.6731, 26.4336,
25.8523

140.3070,
123.4733, 126.1382

 22.8042, 17.1483,
16.4884


174.6493,
155.6946, 159.8184

 14.5689, 10.3403,
9.7124

214.1825,
193.0839, 199.0162

 8.6018, 5.6252,
5.1056

259.2721,
236.0257, 244.1502

 4.5374, 2.6185,
2.2495

310.2834,

 2.0104, 0.9360,

284.9044, 295.6389

0.7027

367.5817,
340.1042, 353.9008

■ 0.6398, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.7726, 53.9737,
54.0178

■ 64.7726, 53.9737,
54.0178

■ 58.3587, 44.4322,
41.7488

■ 72.4359, 65.5054,
68.2720

■ 53.1233, 36.7609,
31.3729

■ 81.4068, 79.1235,
84.5913

■ 48.9940, 30.8382,
22.7952

■ 91.7444, 94.9271,
103.0554

■ 45.8889, 26.5252,
15.9114

95.0500, 100.0000,
108.9000

■ 43.7141, 23.6615,
10.6057

■ 42.3574, 22.0532,
6.7469

■ 41.7851, 21.4780,
4.8006

Harmonies

Analogous

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



63.8265, 53.9737, 73.4246



64.7726, 53.9737, 54.0178



61.8739, 53.9737, 39.3662

Triad

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



64.7726, 53.9737, 54.0178



43.9821, 53.9737, 34.6896



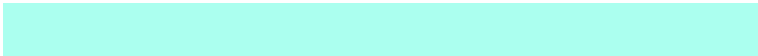
46.7022, 53.9737, 98.7473

Complementary

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



64.7726, 53.9737, 54.0178



68.1368, 86.4110, 94.7532

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.



42.0058, 53.9737, 83.6822



64.7726, 53.9737, 54.0178



40.5307, 53.9737, 46.2047

Square

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



64.7726, 53.9737, 54.0178



49.6137, 53.9737, 29.8561



39.8391, 53.9737, 63.7892



53.0249, 53.9737, 102.0784

Rectangle

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



64.7726, 53.9737, 54.0178



58.2849, 53.9737, 33.2876



39.8391, 53.9737, 63.7892



44.8974, 53.9737, 94.7538

Sweetspot

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



64.7739, 53.9762, 54.0189



84.3003, 83.5367, 89.7914



67.9417, 54.5603, 101.5580



17.7444, 17.4235, 18.6818



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.



64.7739, 53.9762, 54.0189



60.1184, 47.0373, 45.1539



68.3774, 63.7727, 47.2368



18.1507, 18.0436, 19.4106



21.8737, 11.2388, 2.7193



2.1653, 1.1085, 0.4522

Inverse Universe

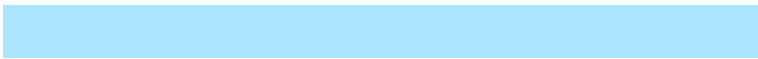
The Inverse Universe completely reimagines the original color for something new.



64.7739, 53.9762, 54.0189



60.1184, 47.0373, 45.1539



63.0877, 72.3621, 105.2499



18.1507, 18.0436, 19.4106



21.8737, 11.2388, 2.7193



2.1653, 1.1085, 0.4522

Previews

White Background



This preview shows how the XYZ color 64.7726, 53.9737, 54.0178 looks on a white background.

Color Contrast Check

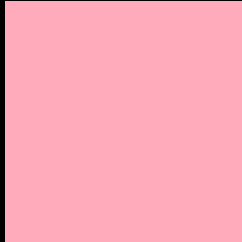
Large Text (above 18pt) WCAG AA × Fail

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 64.7726, 53.9737, 54.0178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

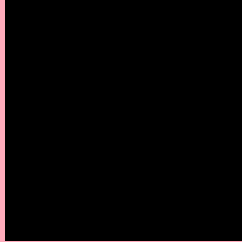
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.7726, 53.9737, 54.0178

Background



This preview shows how black text looks on a background with the XYZ color 64.7726, 53.9737, 54.0178.



This preview shows how white text looks on a background with the XYZ color 64.7726, 53.9737,

54.0178.

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

64.7726, 53.9737, 54.0178

Protanopia

52.2602, 54.0458, 62.3211

Deuteranopia

55.2502, 54.1788, 52.8930



Tritanopia

64.4546, 53.8465, 52.3437

Trichromacy



Original Color

64.7726, 53.9737, 54.0178



Protanomaly

55.8146, 53.3898, 58.9933



Deuteranomaly

58.4399, 53.9476, 53.2318



Tritanomaly

64.5599, 53.8886, 52.8978

Monochromacy



Original Color

64.7726, 53.9737, 54.0178



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

56.9342, 54.9216, 58.6391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7726, 53.9737, 54.0178 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, 171, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 187)  
}
```

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, 171, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 187) }
```

Border

The CSS property to change the border of an element to XYZ 64.7726, 53.9737, 54.0178 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, 171, 187) }
```


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

```
.border{ border-color:rgb(255, 171, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7726, 53.9737, 54.0178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 187) }
```

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

```
.background{ background-color: rgb(255,  
171, 187) }
```

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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