

Converting Colors

XYZ(87.6972, 63.9673, 53.6574)

Have a look what the booklet for
XYZ(87.6972, 63.9673, 53.6574)
contains.

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Color

**XYZ(63.2724, 51.3137,
52.4687)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFA4B9 |
| RGB | 255, 164, 185 |
| RGB Percent | 100%, 64%, 73% |
| CMY | 0.0000, 0.3568, 0.2745 |
| CMYK | 0.00, 0.36, 0.27, 0.00 |
| HSL | 346°, 100%, 82% |
| HSV | 346°, 36%, 100% |
| XYZ | 63.2724, 51.3137, 52.4687 |
| YIQ | 193.6030, 47.4950, 25.8230 |

Conversions

Conversions Part 2

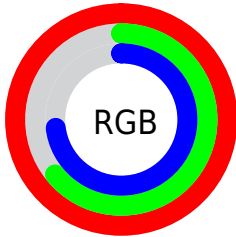
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 164, 185 |
| Decimal | 16753849 |
| CIE Lab | 76.87, 36.28, 3.32 |
| CIE LCh | 77, 36.434, 5.227 |
| Yxy | 51.3137, 0.3788, 0.3072 |
| Android (android.graphics.Color) | 4294943929 (0xFFFFA4B9) |
| YUV | 193.6030, -4.2413, 53.8452 |
| Hunter-Lab | 71.6336, 32.3064, 6.7160 |

Details

The XYZ color **63.2724, 51.3137, 52.4687** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.9233, 85.3540, 90.8464**, and the grayscale version is **51.0495, 53.7080, 58.4880**.

A 20% lighter version of the original color is **82.7104, 78.7973, 94.0692**, and **32.6142, 24.7706, 24.8920** is the 20% darker color. If you saturate the color by 10%, you get **57.2279, 42.3133, 40.9322**, and if you desaturate by 10%, it is **70.5201, 62.2629, 65.8170**.

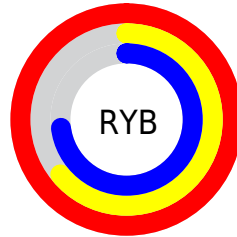
Distribution



Red (100%)

Green (64%)

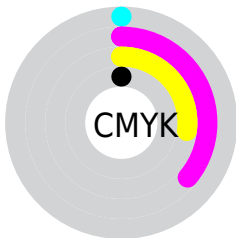
Blue (73%)



Red (100%)

Yellow (64%)

Blue (73%)

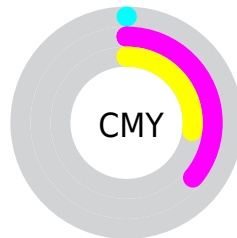


Cyan (0%)

Magenta (36%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2724, 51.3137, 52.4687 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 63.2724, 51.3137, 52.4687 by changing the saturation by 10% instead.


 63.2724, 51.3137,
52.4687


 63.2724, 51.3137,
52.4687


426.2014,
391.7814, 413.2517

 46.3211, 36.4583,
36.9940


 108.6420, 92.1183,
95.2557

 32.7050, 24.7884,
24.9071


 137.7910,
118.8363, 123.4051

 22.0587, 15.9195,
15.7895

171.7366,
150.2774, 156.6165

 14.0169, 9.4672,
9.2226

210.8442,
186.8258, 195.3083

 8.2142, 5.0471,
4.7878

255.4792,
228.8660, 239.8992

 4.2853, 2.2749,
2.0668

306.0067,

 1.8647, 0.7604,

276.7824, 290.8078

0.5959

362.7924,
330.9594, 348.4524

■ 0.5562, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.2724, 51.3137,
52.4687

■ 63.2724, 51.3137,
52.4687

■ 57.2279, 42.3133,
40.9322

■ 70.5201, 62.2629,
65.8170

■ 52.3162, 35.1398,
31.1250

■ 79.0284, 75.2588,
81.0488

■ 48.4651, 29.6690,
22.9624

■ 88.8559, 90.4014,
98.2351

■ 45.5924, 25.7577,
16.3508

95.0500, 100.0000,
108.9000

■ 43.6033, 23.2394,
11.1870

■ 42.3820, 21.9084,
7.3528

■ 42.0252, 21.5741,
6.0646

Harmonies

Analogous

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



61.8907, 51.3137, 73.4254



63.2724, 51.3137, 52.4687



60.4795, 51.3137, 36.6333

Triad

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



63.2724, 51.3137, 52.4687



41.4867, 51.3137, 30.1488



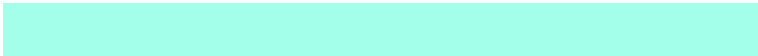
43.4020, 51.3137, 98.1493

Complementary

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



63.2724, 51.3137, 52.4687



65.9233, 85.3540, 90.8464

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.



38.6824, 51.3137, 80.8855



63.2724, 51.3137, 52.4687



37.6521, 51.3137, 41.3659

Square

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



63.2724, 51.3137, 52.4687



47.5689, 51.3137, 25.8471



36.6759, 51.3137, 59.4192



49.9955, 51.3137, 103.1095

Rectangle

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



63.2724, 51.3137, 52.4687



56.7684, 51.3137, 30.0339



36.6759, 51.3137, 59.4192



41.5644, 51.3137, 93.4211

Sweetspot

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



63.2737, 51.3161, 52.4697



83.4637, 82.0782, 88.8508



65.1823, 51.2265, 101.0600



17.5834, 17.1351, 18.5248



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.



63.2737, 51.3161, 52.4697



58.7362, 44.5448, 43.8553



65.9827, 60.0231, 43.2330



18.1810, 18.0557, 19.5705



22.0058, 11.2916, 3.4150



2.1823, 1.1153, 0.5414

Inverse Universe

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



63.2737, 51.3161, 52.4697



58.7362, 44.5448, 43.8553



61.8630, 72.1169, 105.2672



18.1810, 18.0557, 19.5705



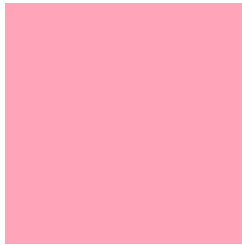
22.0058, 11.2916, 3.4150



2.1823, 1.1153, 0.5414

Previews

White Background



This preview shows how the XYZ color 63.2724, 51.3137, 52.4687 looks on a white background.

Color Contrast Check

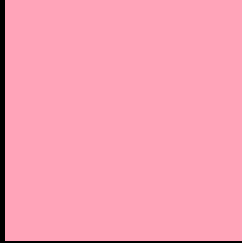
Large Text (above 18pt) WCAG AA × Fail

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 63.2724, 51.3137, 52.4687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

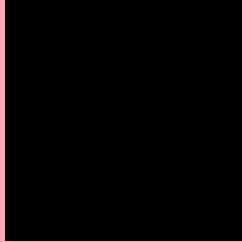
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2724, 51.3137, 52.4687

Background



This preview shows how black text looks on a background with the XYZ color 63.2724, 51.3137, 52.4687.



This preview shows how white text looks on a background with the XYZ color 63.2724, 51.3137,

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

63.2724, 51.3137, 52.4687

Protanopia

49.9923, 51.5951, 61.3568

Deuteranopia

52.6324, 51.6142, 50.9046



Tritanopia

62.3641, 51.1955, 48.7142

Trichromacy



Original Color

63.2724, 51.3137, 52.4687



Protanomaly

53.7904, 50.8337, 58.0158



Deuteranomaly

56.1605, 51.3157, 51.2009



Tritanomaly

62.6687, 51.3173, 50.3183

Monochromacy



Original Color

63.2724, 51.3137, 52.4687



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.6564, 52.2275, 56.4904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2724, 51.3137, 52.4687 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 185) }
```

Border

The CSS property to change the border of an element to XYZ 63.2724, 51.3137, 52.4687 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, 185) }
```


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

```
.border{ border-color:rgb(255, 164, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2724, 51.3137, 52.4687 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, 185) }
```

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

```
.background{ background-color: rgb(255,  
164, 185) }
```

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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