

Converting Colors

XYZ(63.6122, 52.3201, 51.5741)

Have a look what the booklet for
XYZ(63.6122, 52.3201, 51.5741)
contains.

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Color

**XYZ(63.6060, 52.3163,
51.5454)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA7B7
RGB	255, 167, 183
RGB Percent	100%, 65%, 72%
CMY	0.0000, 0.3451, 0.2823
CMYK	0.00, 0.35, 0.28, 0.00
HSL	349°, 100%, 83%
HSV	349°, 35%, 100%
XYZ	63.6060, 52.3163, 51.5454
YIQ	195.1360, 47.3120, 23.6320

Conversions

Conversions Part 2

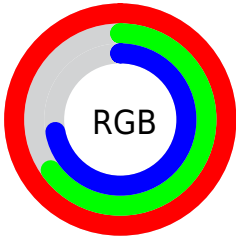
Format	Color
R_{YB}	255, 167, 183
Decimal	16754615
CIE _{Lab}	77.47, 34.46, 5.28
CIE _{LCh}	77, 34.860, 8.713
Yxy	52.3163, 0.3798, 0.3124
Android (android.graphics.Color)	4294944695 (0xFFFFA7B7)
YUV	195.1360, -5.9830, 52.5007
Hunter-Lab	72.3300, 30.3929, 8.3785

Details

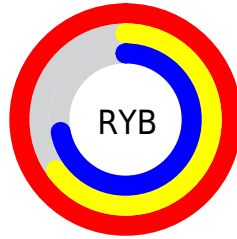
The XYZ color **63.6060, 52.3163, 51.5454** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.2784, 85.9685, 94.7130**, and the grayscale version is **51.9688, 54.6752, 59.5413**.

A 20% lighter version of the original color is **83.2077, 80.2673, 92.7690**, and **32.8115, 25.3821, 24.2890** is the 20% darker color. If you saturate the color by 10%, you get **57.3734, 43.0729, 39.5360**, and if you desaturate by 10%, it is **71.0840, 63.5352, 65.5595**.

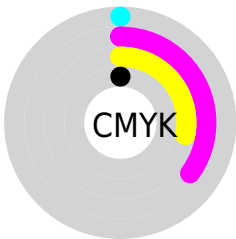
Distribution



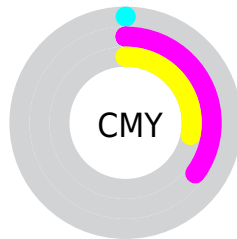
- Red (100%)
- Green (65%)
- Blue (72%)



- Red (100%)
- Yellow (65%)
- Blue (72%)



- Cyan (0%)
- Magenta (35%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.6060, 52.3163, 51.5454 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 63.6060, 52.3163, 51.5454 by changing the saturation by 10% instead.


 63.6060, 52.3163,
51.5454


 63.6060, 52.3163,
51.5454


427.3903,
395.6565, 409.5860

 46.5921, 37.2573,
36.2631


 109.1202, 93.5975,
93.8802

 32.9199, 25.4067,
24.3462


 138.3513,
120.5885, 121.7698

 22.2240, 16.3803,
15.3760


172.3854,
152.3256, 154.6989

 14.1391, 9.7937,
8.9342

211.5881,
189.1932, 193.0860

 8.2999, 5.2624,
4.6020

256.3245,
231.5757, 237.3498

 4.3408, 2.4020,
1.9611


306.9601,

 1.8967, 0.8269,


279.8575, 287.9087


0.5312


363.8602,
334.4230, 345.1812


 0.5749, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 63.6060, 52.3163,
51.5454


 63.6060, 52.3163,
51.5454


 57.3734, 43.0729,
39.5360

 71.0840, 63.5352,
65.5595

 52.3141, 35.6834,
29.4357

 79.8669, 76.8277,
81.6615

 48.3539, 30.0240,
21.1457

 90.0149, 92.2937,
99.9338

 45.4088, 25.9526,
14.5567

95.0500, 100.0000,
108.9000

■ 43.3818, 23.3043,
9.5474

■ 42.1561, 21.8778,
5.9790

■ 41.7401, 21.4600,
4.5635

Harmonies

Analogous

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



62.7477, 52.3163, 71.4655



63.6060, 52.3163, 51.5454



60.4920, 52.3163, 36.8310

Triad

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



63.6060, 52.3163, 51.5454



42.0815, 52.3163, 32.7138



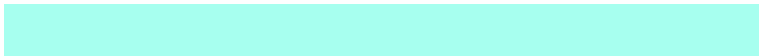
45.1847, 52.3163, 98.8165

Complementary

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



63.6060, 52.3163, 51.5454



67.2784, 85.9685, 94.7130

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.



40.3181, 52.3163, 83.3516



63.6060, 52.3163, 51.5454



38.6418, 52.3163, 44.5695

Square

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



63.6060, 52.3163, 51.5454



47.7954, 52.3163, 27.6799



38.0266, 52.3163, 62.7487



51.7060, 52.3163, 101.8730

Rectangle

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



63.6060, 52.3163, 51.5454



56.7341, 52.3163, 30.8530



38.0266, 52.3163, 62.7487



43.3185, 52.3163, 94.7535

Sweetspot

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



63.6072, 52.3187, 51.5464



84.2686, 83.5240, 89.6241



67.4219, 53.1875, 101.3204



17.7367, 17.4204, 18.6416



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.



63.6072, 52.3187, 51.5464



59.4225, 46.0983, 43.5261



67.7019, 63.0227, 45.1586



18.1442, 18.0410, 19.3764



21.8487, 11.2288, 2.5876



2.1620, 1.1072, 0.4345

Inverse Universe

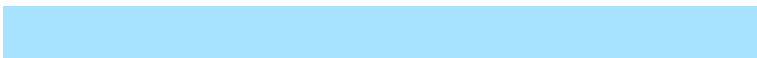
The Inverse Universe completely reimagines the original color for something new.



63.6072, 52.3187, 51.5464



59.4225, 46.0983, 43.5261



61.4938, 70.4484, 104.9646



18.1442, 18.0410, 19.3764



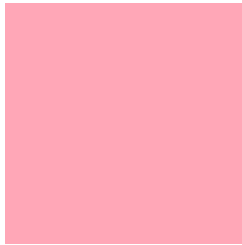
21.8487, 11.2288, 2.5876



2.1620, 1.1072, 0.4345

Previews

White Background



This preview shows how the XYZ color 63.6060, 52.3163, 51.5454 looks on a white background.

Color Contrast Check

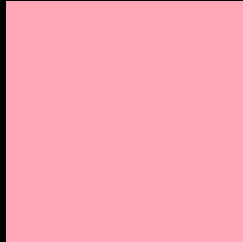
Large Text (above 18pt) WCAG AA × Fail

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 63.6060, 52.3163, 51.5454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

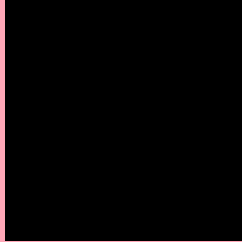
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.6060, 52.3163, 51.5454

Background



This preview shows how black text looks on a background with the XYZ color 63.6060, 52.3163, 51.5454.



This preview shows how white text looks on a background with the XYZ color 63.6060, 52.3163,

51.5454.

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

63.6060, 52.3163, 51.5454

Protanopia

50.8427, 52.7165, 59.7201

Deuteranopia

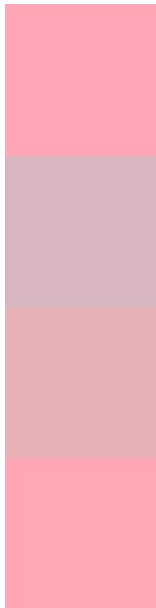
53.6115, 52.4403, 50.4764



Tritanopia

63.2969, 52.1927, 49.9181

Trichromacy



Original Color

63.6060, 52.3163, 51.5454

Protanomaly

54.4508, 51.8164, 56.4219

Deuteranomaly

56.8940, 52.0000, 50.7544

Tritanomaly

63.3992, 52.2336, 50.4567

Monochromacy



Original Color

63.6060, 52.3163, 51.5454

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

55.3682, 53.2112, 56.6428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6060, 52.3163, 51.5454 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, 167, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 183)  
}
```

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, 167, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 183) }
```

Border

The CSS property to change the border of an element to XYZ 63.6060, 52.3163, 51.5454 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, 167, 183) }
```


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

```
.border{ border-color:rgb(255, 167, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6060, 52.3163, 51.5454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 183) }
```

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

```
.background{ background-color: rgb(255,  
167, 183) }
```

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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