

Converting Colors

XYZ(69.2242, 54.0973, 55.3554)

Have a look what the booklet for
XYZ(69.2242, 54.0973, 55.3554)
contains.

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Color

**XYZ(63.6315, 51.1721,
55.2387)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3BE
RGB	255, 163, 190
RGB Percent	100%, 64%, 75%
CMY	0.0000, 0.3608, 0.2549
CMYK	0.00, 0.36, 0.25, 0.00
HSL	342°, 100%, 82%
HSV	342°, 36%, 100%
XYZ	63.6315, 51.1721, 55.2387
YIQ	193.5860, 46.1650, 27.9010

Conversions

Conversions Part 2

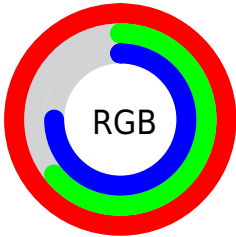
Format	Color
R _Y B	255, 163, 190
Decimal	16753598
CIE _{Lab}	76.78, 37.48, 0.46
CIE _{LCh}	77, 37.478, 0.703
Y _{xy}	51.1721, 0.3742, 0.3009
Android (android.graphics.Color)	4294943678 (0xFFFFA3BE)
Y _{UV}	193.5860, -1.7679, 53.8601
Hunter-Lab	71.5347, 33.5936, 4.2908

Details

The XYZ color **63.6315, 51.1721, 55.2387** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.8699, 84.9089, 86.3727**, and the grayscale version is **51.0258, 53.6832, 58.4610**.

A 20% lighter version of the original color is **83.2061, 78.5769, 97.9702**, and **32.8562, 24.6938, 26.7016** is the 20% darker color. If you saturate the color by 10%, you get **57.7027, 42.2736, 44.1400**, and if you desaturate by 10%, it is **70.7190, 61.9982, 67.9259**.

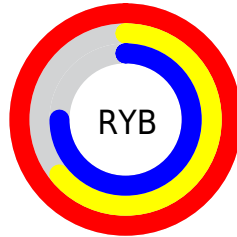
Distribution



Red (100%)

Green (64%)

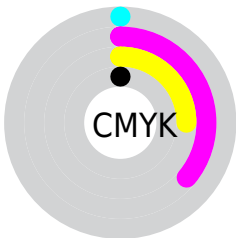
Blue (75%)



Red (100%)

Yellow (64%)

Blue (75%)

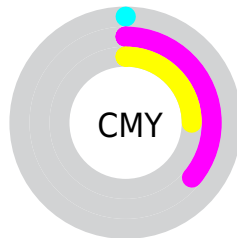


Cyan (0%)

Magenta (36%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.6315, 51.1721, 55.2387 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 63.6315, 51.1721, 55.2387 by changing the saturation by 10% instead.


 63.6315, 51.1721,
55.2387

 63.6315, 51.1721,
55.2387


427.4810,
391.2321, 424.1235

 46.6128, 36.3456,
39.1930

 109.1568, 91.9091,
99.3653

 32.9364, 24.7012,
26.6009


 138.3941,
118.5884, 128.2832

 22.2367, 15.8546,
17.0439

172.4350,
149.9874, 162.3289

 14.1485, 9.4213,
10.1035

211.6449,
186.4905, 201.9210

 8.3064, 5.0170,
5.3612

256.3891,
228.4822, 247.4779

 4.3451, 2.2572,
2.3983

307.0329,

 1.8992, 0.7509,

276.3467, 299.4183

0.7855

363.9418,
330.4685, 358.1607

■ 0.5763, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.6315, 51.1721,
55.2387

■ 63.6315, 51.1721,
55.2387

■ 57.7027, 42.2736,
44.1400

■ 70.7190, 61.9982,
67.9259

■ 52.8648, 35.1818,
34.5618

■ 79.0206, 74.8494,
82.2597

■ 49.0487, 29.7729,
26.4353

■ 88.5922, 89.8249,
98.2987

■ 46.1751, 25.9046,
19.6848

95.0500, 100.0000,
108.9000

■ 44.1522, 23.4105,
14.2266

■ 42.8677, 22.0849,
9.9657

■ 42.5041, 21.7656,
8.5867

Harmonies

Analogous

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



61.5635, 51.1721, 77.1613



63.6315, 51.1721, 55.2387



61.3674, 51.1721, 38.0193

Triad

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



63.6315, 51.1721, 55.2387



41.9846, 51.1721, 28.3737



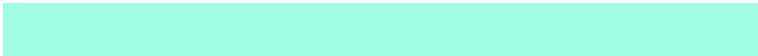
42.2486, 51.1721, 97.3224

Complementary

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



63.6315, 51.1721, 55.2387



64.8699, 84.9089, 86.3727

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.



37.8024, 51.1721, 78.1998



63.6315, 51.1721, 55.2387



37.6608, 51.1721, 38.6678

Square

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



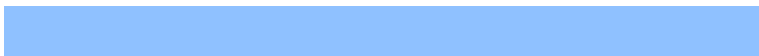
63.6315, 51.1721, 55.2387



48.4700, 51.1721, 25.0169



36.2060, 51.1721, 56.1995



48.8055, 51.1721, 104.7649

Rectangle

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



63.6315, 51.1721, 55.2387



57.8219, 51.1721, 30.5748



36.2060, 51.1721, 56.1995



40.4812, 51.1721, 91.8495

Sweetspot

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



63.6327, 51.1744, 55.2397



83.7170, 82.1795, 90.1843



62.9538, 49.8130, 100.9046



17.6434, 17.1591, 18.8408



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.



63.6327, 51.1744, 55.2397



59.4073, 44.8133, 47.3890



64.4578, 57.1173, 42.2808



18.2286, 18.0748, 19.8211



22.2656, 11.3955, 4.7829



2.2132, 1.1276, 0.7041

Inverse Universe

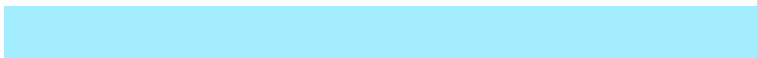
The Inverse Universe completely reimagines the original color for something new.



63.6327, 51.1744, 55.2397



59.4073, 44.8133, 47.3890



63.3245, 75.3450, 105.8132



18.2286, 18.0748, 19.8211



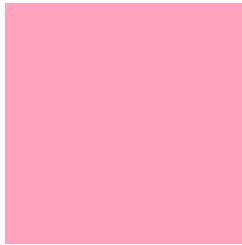
22.2656, 11.3955, 4.7829



2.2132, 1.1276, 0.7041

Previews

White Background



This preview shows how the XYZ color 63.6315, 51.1721, 55.2387 looks on a white background.

Color Contrast Check

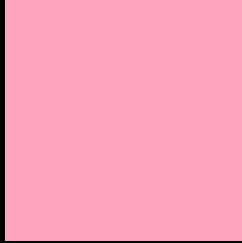
Large Text (above 18pt) WCAG AA × Fail

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 63.6315, 51.1721, 55.2387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

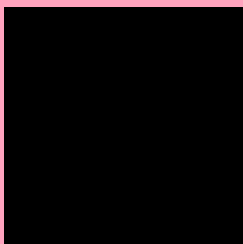
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.6315, 51.1721, 55.2387

Background



This preview shows how black text looks on a background with the XYZ color 63.6315, 51.1721, 55.2387.



This preview shows how white text looks on a background with the XYZ color 63.6315, 51.1721,

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

63.6315, 51.1721, 55.2387

Protanopia

50.2033, 51.6218, 65.0756

Deuteranopia

52.5818, 51.5278, 53.6289



Tritanopia

62.3641, 51.1955, 48.7142

Trichromacy



Original Color

63.6315, 51.1721, 55.2387



Protanomaly

54.1872, 50.9588, 61.6236



Deuteranomaly

55.8590, 50.8073, 53.8764



Tritanomaly

62.5920, 50.9991, 50.8008

Monochromacy



Original Color

63.6315, 51.1721, 55.2387



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.8780, 52.3162, 57.6577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6315, 51.1721, 55.2387 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, 163, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 190)  
}
```

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, 163, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 190) }
```

Border

The CSS property to change the border of an element to XYZ 63.6315, 51.1721, 55.2387 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, 163, 190) }
```


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

```
.border{ border-color:rgb(255, 163, 190) }
```

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

Here you see how a box with a 4 pixel rgb(255, 163, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6315, 51.1721, 55.2387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 190) }
```

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

```
.background{ background-color: rgb(255,  
163, 190) }
```

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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