

Converting Colors

XYZ(87.3003, 62.3962, 67.4923)

Have a look what the booklet for
XYZ(87.3003, 62.3962, 67.4923)
contains.

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Color

**XYZ(65.3194, 51.0051,
66.7239)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA0D1
RGB	255, 160, 209
RGB Percent	100%, 63%, 82%
CMY	0.0000, 0.3725, 0.1804
CMYK	0.00, 0.37, 0.18, 0.00
HSL	329°, 100%, 81%
HSV	329°, 37%, 100%
XYZ	65.3194, 51.0051, 66.7239
YIQ	193.9910, 40.8910, 35.3790

Conversions

Conversions Part 2

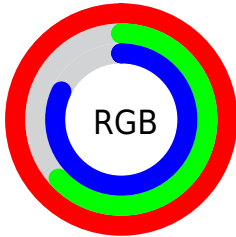
Format	Color
R _Y B	255, 160, 209
Decimal	16752849
CIE Lab	76.68, 41.74, -10.08
CIE LCh	77, 42.945, 346.423
Yxy	51.0051, 0.3568, 0.2786
Android (android.graphics.Color)	4294942929 (0xFFFFA0D1)
YUV	193.9910, 7.3994, 53.5049
Hunter-Lab	71.4179, 38.2764, -5.4007

Details

The XYZ color **65.3194, 51.0051, 66.7239** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.3998, 83.4508, 71.2675**, and the grayscale version is **51.2148, 53.8820, 58.6775**.

A 20% lighter version of the original color is **83.8459, 77.5917, 105.1653**, and **34.2000, 24.7523, 33.9855** is the 20% darker color. If you saturate the color by 10%, you get **59.8736, 42.4659, 57.6562**, and if you desaturate by 10%, it is **71.7928, 61.4093, 76.7199**.

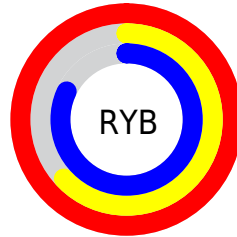
Distribution



Red (100%)

Green (63%)

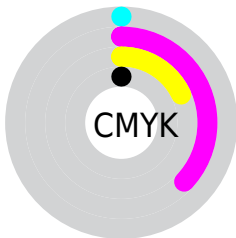
Blue (82%)



Red (100%)

Yellow (63%)

Blue (82%)

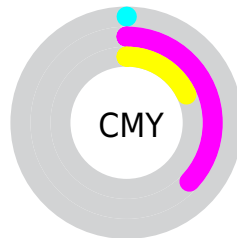


Cyan (0%)

Magenta (37%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3194, 51.0051, 66.7239 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 65.3194, 51.0051, 66.7239 by changing the saturation by 10% instead.


 65.3194, 51.0051,
66.7239


 65.3194, 51.0051,
66.7239

433.4660,
390.5836, 467.4361

 47.9858, 36.2127,
48.4001


 111.5721, 91.6623,
116.1616

 34.0268, 24.5985,
33.7816


 141.2219,
118.2959, 148.1126

 23.0772, 15.7782,
22.4499


175.7077,
149.6453, 185.4430

 14.7715, 9.3673,
13.9864

215.3951,
186.0949, 228.5714

 8.7445, 4.9815,
7.9725

260.6492,
228.0292, 277.9164

 4.6307, 2.2364,
3.9899

311.8355,

 2.0647, 0.7397,

275.8324, 333.8965

1.6198

369.3193,
329.8891, 396.9302

■ 0.6699, 0.0000,
0.3049

■ 0.0000, 0.0000,
0.0000

■ 65.3194, 51.0051,
66.7239

■ 65.3194, 51.0051,
66.7239

■ 59.8736, 42.4659,
57.6562

■ 71.7928, 61.4093,
76.7199

■ 55.3931, 35.6722,
49.4812

■ 79.3437, 73.7749,
87.6719

■ 51.8144, 30.5012,
42.1646

■ 88.0230, 88.1996,
99.6098

■ 49.0644, 26.8112,
35.6679

95.0500, 100.0000,
108.9000

■ 47.0573, 24.4353,
29.9477

■ 45.6831, 23.1589,
24.9521

■ 45.3721, 22.9128,
23.6894

Harmonies

Analogous

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



60.7099, 51.0051, 92.4714



65.3194, 51.0051, 66.7239



65.0745, 51.0051, 43.8142

Triad

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



65.3194, 51.0051, 66.7239



44.1916, 51.0051, 22.7076



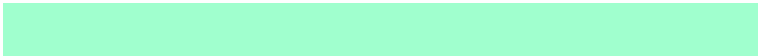
38.4806, 51.0051, 94.6982

Complementary

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



65.3194, 51.0051, 66.7239



61.3998, 83.4508, 71.2675

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.



34.9757, 51.0051, 69.1812



65.3194, 51.0051, 66.7239



38.0118, 51.0051, 30.0359

Square

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



65.3194, 51.0051, 66.7239



52.2423, 51.0051, 22.3920



34.8143, 51.0051, 45.6741



44.9005, 51.0051, 111.4197

Rectangle

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



65.3194, 51.0051, 66.7239



62.1784, 51.0051, 32.9674



34.8143, 51.0051, 45.6741



36.9555, 51.0051, 86.5884

Sweetspot

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



65.3207, 51.0074, 66.7249



84.6350, 82.5467, 95.0186



56.0534, 45.4743, 100.4308



17.8616, 17.2464, 19.9898



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.



65.3207, 51.0074, 66.7249



61.0140, 44.2330, 59.6196



60.2971, 48.9980, 40.2711



18.4005, 18.1435, 20.7264



23.7838, 12.0028, 12.7777



2.3710, 1.1908, 1.5349

Inverse Universe

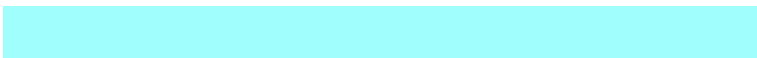
The Inverse Universe completely reimagines the original color for something new.



65.3207, 51.0074, 66.7249



61.0140, 44.2330, 59.6196



68.0546, 86.1127, 106.3115



18.4005, 18.1435, 20.7264



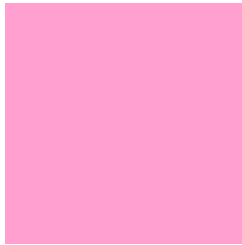
23.7838, 12.0028, 12.7777



2.3710, 1.1908, 1.5349

Previews

White Background



This preview shows how the XYZ color 65.3194, 51.0051, 66.7239 looks on a white background.

Color Contrast Check

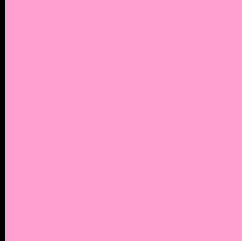
Large Text (above 18pt) WCAG AA × Fail

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 65.3194, 51.0051, 66.7239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

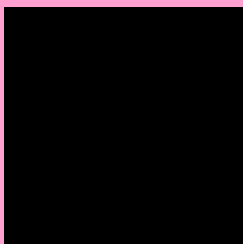
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3194, 51.0051, 66.7239

Background



This preview shows how black text looks on a background with the XYZ color 65.3194, 51.0051, 66.7239.



This preview shows how white text looks on a background with the XYZ color 65.3194, 51.0051,

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

65.3194, 51.0051, 66.7239

Protanopia

50.9044, 51.3362, 79.8990

Deuteranopia

52.2473, 51.1063, 64.8684



Tritanopia

61.8170, 51.1822, 48.7405

Trichromacy



Original Color

65.3194, 51.0051, 66.7239



Protanomaly

54.8511, 50.4180, 74.5508



Deuteranomaly

56.2893, 50.4883, 65.1710



Tritanomaly

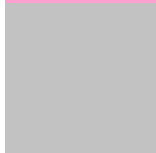
62.9688, 51.1077, 54.6901

Monochromacy



Original Color

65.3194, 51.0051, 66.7239



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

55.3557, 52.1783, 61.1867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3194, 51.0051, 66.7239 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, 160, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 209)  
}
```

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, 160, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 209) }
```

Border

The CSS property to change the border of an element to XYZ 65.3194, 51.0051, 66.7239 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, 160, 209) }
```


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

```
.border{ border-color:rgb(255, 160, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3194, 51.0051, 66.7239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 209) }
```

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

```
.background{ background-color: rgb(255,  
160, 209) }
```

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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