

Converting Colors

XYZ(64.1696, 51.0894, 60.6692)

Have a look what the booklet for
XYZ(64.1696, 51.0894, 60.6692)
contains.

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Color

**XYZ(64.1022, 51.0350,
60.5050)**

Conversions

Conversions Part 1

Format	Color
Hex	FEA2C7
RGB	254, 162, 199
RGB Percent	100%, 64%, 78%
CMY	0.0039, 0.3647, 0.2196
CMYK	0.00, 0.36, 0.22, 0.00
HSL	336°, 98%, 82%
HSV	336°, 36%, 100%
XYZ	64.1022, 51.0350, 60.5050
YIQ	193.7260, 42.9550, 31.0110

Conversions

Conversions Part 2

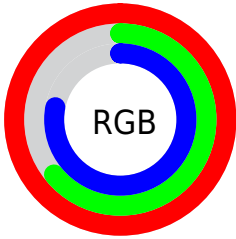
Format	Color
R_{YB}	254, 162, 199
Decimal	16687815
CIE _{Lab}	76.70, 38.91, -4.60
CIE _{LCh}	77, 39.179, 353.258
Yxy	51.0350, 0.3650, 0.2906
Android (android.graphics.Color)	4294877895 (0xFFFEA2C7)
YUV	193.7260, 2.6001, 52.8603
Hunter-Lab	71.4388, 35.1506, -0.2085

Details

The XYZ color **64.1022, 51.0350, 60.5050** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.8688, 83.5761, 78.4680**, and the grayscale version is **51.0849, 53.7453, 58.5286**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **33.3444, 24.7174, 29.8015** is the 20% darker color. If you saturate the color by 10%, you get **58.3955, 42.3035, 50.3336**, and if you desaturate by 10%, it is **70.8914, 61.6489, 71.9064**.

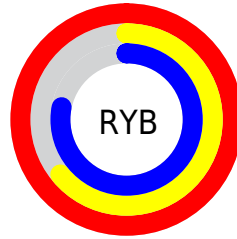
Distribution



Red (100%)

Green (64%)

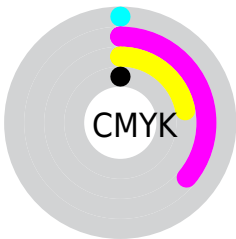
Blue (78%)



Red (100%)

Yellow (64%)

Blue (78%)

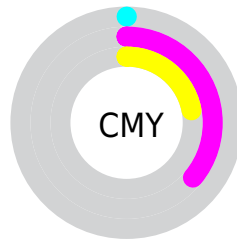


Cyan (0%)

Magenta (36%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1022, 51.0350, 60.5050 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 64.1022, 51.0350, 60.5050 by changing the saturation by 10% instead.


 64.1022, 51.0350,
60.5050


 64.1022, 51.0350,
60.5050


429.1550,
390.6998, 444.3129

 46.9954, 36.2365,
43.3979


 109.8310, 91.7065,
107.1124

 33.2400, 24.6169,
29.8637


 139.1838,
118.3483, 137.4498

 22.4705, 15.7918,
19.4840


173.3493,
149.7066, 173.0343

 14.3215, 9.3770,
11.8402

212.6929,
186.1658, 214.2845

 8.4278, 4.9879,
6.5137

257.5799,
228.1103, 261.6189

 4.4240, 2.2402,
3.0861

308.3756,

 1.9447, 0.7418,

275.9245, 315.4561

1.1388

365.4456,
329.9929, 376.2146

■ 0.6026, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.1022, 51.0350,
60.5050

■ 64.1022, 51.0350,
60.5050

■ 58.3955, 42.3035,
50.3336

■ 70.8914, 61.6489,
71.9064

■ 53.7070, 35.3356,
41.3439

■ 78.8138, 74.2401,
84.5774

■ 49.9721, 30.0102,
33.4884

■ 87.9220, 88.9060,
98.5594

■ 47.1167, 26.1879,
26.7144

94.6833, 99.8110,
108.8828

■ 45.0542, 23.7053,
20.9637

■ 43.6783, 22.3598,
16.1696

■ 43.2787, 22.0331,
14.5796

Harmonies

Analogous

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



60.8636, 51.0350, 83.7743



64.1022, 51.0350, 60.5050



62.8330, 51.0350, 40.9432

Triad

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



64.1022, 51.0350, 60.5050



43.0881, 51.0350, 25.8449



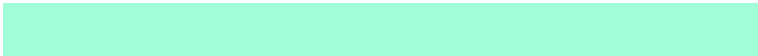
40.4623, 51.0350, 95.1695

Complementary

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



64.1022, 51.0350, 60.5050



62.8688, 83.5761, 78.4680

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.



36.5434, 51.0350, 73.3178



64.1022, 51.0350, 60.5050



37.9478, 51.0350, 34.5321

Square

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



64.1022, 51.0350, 60.5050



50.2016, 51.0350, 24.0635



35.6720, 51.0350, 50.9080



46.8514, 51.0350, 106.8323

Rectangle

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



64.1022, 51.0350, 60.5050



59.6586, 51.0350, 32.0049



35.6720, 51.0350, 50.9080



38.8400, 51.0350, 88.5409

Sweetspot

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



64.1037, 51.0374, 60.5060



84.1619, 82.3574, 92.5270



59.0323, 47.5474, 99.8327



17.7490, 17.2013, 19.3969



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.



64.1037, 51.0374, 60.5060



60.6526, 45.3114, 53.9469



61.7088, 52.3066, 41.0291



18.3120, 18.1081, 20.2604



22.8851, 11.6434, 8.0456



2.2805, 1.1546, 1.0588

Inverse Universe

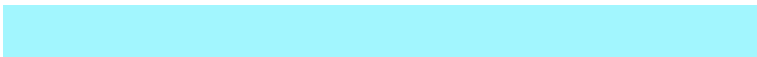
The Inverse Universe completely reimagines the original color for something new.



64.1037, 51.0374, 60.5060



60.6526, 45.3114, 53.9469



65.8487, 80.9530, 105.9214



18.3120, 18.1081, 20.2604



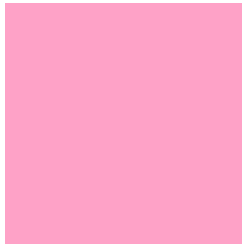
22.8851, 11.6434, 8.0456



2.2805, 1.1546, 1.0588

Previews

White Background



This preview shows how the XYZ color 64.1022, 51.0350, 60.5050 looks on a white background.

Color Contrast Check

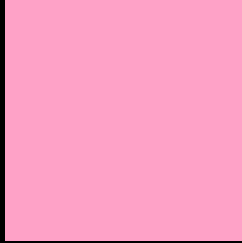
Large Text (above 18pt) WCAG AA × Fail

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 64.1022, 51.0350, 60.5050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

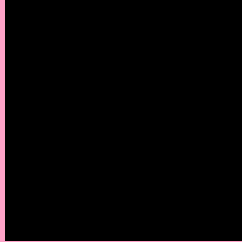
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1022, 51.0350, 60.5050

Background



This preview shows how black text looks on a background with the XYZ color 64.1022, 51.0350, 60.5050.



This preview shows how white text looks on a background with the XYZ color 64.1022, 51.0350,

60.5050.

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

64.1022, 51.0350, 60.5050

Protanopia

50.2565, 51.1870, 71.5213

Deuteranopia

52.4444, 51.3429, 58.7758



Tritanopia

61.8170, 51.1822, 48.7405

Trichromacy



Original Color

64.1022, 51.0350, 60.5050



Protanomaly

54.2071, 50.5453, 67.2208



Deuteranomaly

55.9206, 50.7242, 59.0680



Tritanomaly

62.8261, 51.3381, 53.0523

Monochromacy



Original Color

64.1022, 51.0350, 60.5050



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

55.0107, 52.0403, 59.3700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1022, 51.0350, 60.5050 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(254, 162, 199)` looks like.

```
.text, #text, p{  
    color:rgb(254, 162, 199)  
}
```

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(254, 162, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 162, 199) }
```

Border

The CSS property to change the border of an element to XYZ 64.1022, 51.0350, 60.5050 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(254, 162, 199) }
```


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

```
.border{ border-color:rgb(254, 162, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 162, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 162, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 162, 199);  
box-shadow:4px 4px 4px 4px rgb(254, 162,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1022, 51.0350, 60.5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 162, 199) }
```

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

```
.background{ background-color: rgb(254,  
162, 199) }
```

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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