

Converting Colors

XYZ(42.7652, 40.5545, 57.2601)

Have a look what the booklet for
XYZ(42.7652, 40.5545, 57.2601)
contains.

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Color

**XYZ(42.8930, 40.6814,
57.2214)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A4C3
RGB	184, 164, 195
RGB Percent	72%, 64%, 76%
CMY	0.2784, 0.3568, 0.2353
CMYK	0.06, 0.16, 0.00, 0.24
HSL	279°, 21%, 70%
HSV	279°, 16%, 76%
XYZ	42.8930, 40.6814, 57.2214
YIQ	173.5140, 1.9690, 13.8810

Conversions

Conversions Part 2

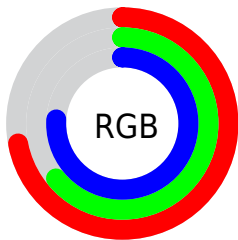
Format	Color
RYB	184, 164, 195
Decimal	12100803
CIELab	69.95, 13.03, -13.20
CIELCh	70, 18.554, 314.631
Yxy	40.6814, 0.3046, 0.2889
Android (android.graphics.Color)	4290290883 (0xFFB8A4C3)
YUV	173.5140, 10.5926, 9.1962
Hunter-Lab	63.7820, 8.4217, -8.5441

Details

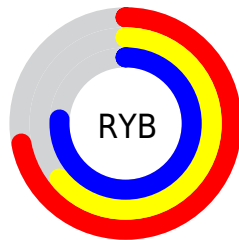
The XYZ color **42.8930, 40.6814, 57.2214** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.8966, 50.8256, 42.6206**, and the grayscale version is **39.9308, 42.0104, 45.7493**.

A 20% lighter version of the original color is **78.8374, 76.2166, 102.6516**, and **19.9620, 18.3367, 27.6865** is the 20% darker color. If you saturate the color by 10%, you get **38.0504, 33.3965, 56.0711**, and if you desaturate by 10%, it is **48.3542, 49.0817, 58.5556**.

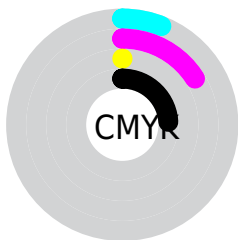
Distribution



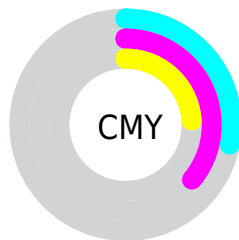
- Red (72%)
- Green (64%)
- Blue (76%)



- Red (72%)
- Yellow (64%)
- Blue (76%)



- Cyan (6%)
- Magenta (16%)
- Yellow (0%)
- Black (24%)





- Cyan (28%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.8930, 40.6814, 57.2214 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 42.8930, 40.6814, 57.2214 by changing the saturation by 10% instead.


 42.8930, 40.6814,
57.2214


 42.8930, 40.6814,
57.2214


349.1005,
348.9873, 431.7954

 29.9953, 28.0702,
40.7725


 78.8061, 76.2000,
102.2917

 19.9831, 18.3786,
27.8230


 102.5522, 99.8762,
131.7502

 12.4909, 11.2221,
17.9544


130.6452,
128.0096, 166.3822

 7.1535, 6.2165,
10.7481

163.4504,
160.9845, 206.6064

 3.6055, 2.9771,
5.7857

201.3332,
199.1853, 252.8413

 1.4815, 1.1198,
2.6485

244.6589,

 0.3132, 0.0000,

242.9964, 305.5054

0.9174

293.7929,
292.8023, 365.0172

■ 0.0000, 0.0000,
0.0000

■ 42.8930, 40.6814,
57.2214

■ 42.8930, 40.6814,
57.2214

■ 38.0504, 33.3965,
56.0711

■ 48.3542, 49.0817,
58.5556

■ 33.7972, 27.1726,
55.0939

■ 54.4543, 58.6383,
60.0787

■ 30.1075, 21.9584,
54.2820

■ 61.2168, 69.3963,
61.7988

■ 26.9514, 17.6965,
53.6257

■ 68.6633, 81.3968,
63.7226

■ 24.2964, 14.3233,
53.1145

■ 74.7037, 90.4583,
65.1533

■ 22.1056, 11.7671,
52.7366

■ 76.8241, 91.5514,
65.2526

■ 20.3367, 9.9451,
52.4782

■ 79.0320, 92.6896,
65.3559

■ 18.9366, 8.7532,
52.3219

■ 81.3285, 93.8735,
65.4634

■ 18.4258, 8.3609,
52.2731

■ 83.7144, 95.1035,
65.5750

Harmonies

Analogous

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



40.1525, 40.6814, 62.4220



42.8930, 40.6814, 57.2214



44.5429, 40.6814, 48.8526

Triad

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



42.8930, 40.6814, 57.2214



40.2267, 40.6814, 30.1114



33.3135, 40.6814, 48.6319

Complementary

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



42.8930, 40.6814, 57.2214



43.8966, 50.8256, 42.6206

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.



33.3310, 40.6814, 40.0303



42.8930, 40.6814, 57.2214



37.2175, 40.6814, 30.0685

Square

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



42.8930, 40.6814, 57.2214



42.9497, 40.6814, 33.6046



34.7271, 40.6814, 33.4787



34.6779, 40.6814, 57.0418

Rectangle

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



42.8930, 40.6814, 57.2214



44.7507, 40.6814, 42.9654



34.7271, 40.6814, 33.4787



33.1603, 40.6814, 45.6520

Sweetspot

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



42.8942, 40.6831, 57.2223



87.4525, 89.2266, 105.0830



40.5632, 42.6372, 57.7223



18.9880, 19.2861, 22.9718



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.



42.8942, 40.6831, 57.2223



73.7532, 68.2086, 101.7481



45.1716, 41.9104, 54.9229



10.1393, 10.0630, 12.6928



12.0697, 5.4826, 33.9787



0.5941, 0.2743, 1.4715

Inverse Universe

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



43.5204, 41.2499, 46.2275



75.1348, 69.4434, 78.2040



41.9067, 49.7559, 44.5079



10.2175, 10.1356, 11.2361



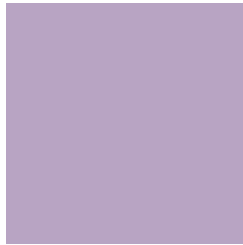
15.3662, 7.8362, 4.5745



0.6969, 0.3518, 0.3715

Previews

White Background



This preview shows how the XYZ color 42.8930, 40.6814, 57.2214 looks on a white background.

Color Contrast Check

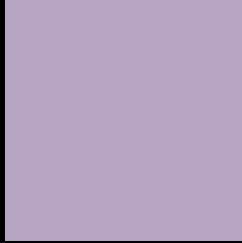
Large Text (above 18pt) WCAG AA × Fail

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 42.8930, 40.6814, 57.2214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

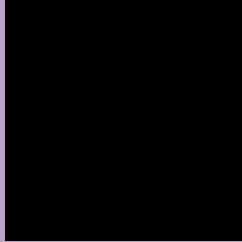
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.8930, 40.6814, 57.2214

Background



This preview shows how black text looks on a background with the XYZ color 42.8930, 40.6814, 57.2214.



This preview shows how white text looks on a background with the XYZ color 42.8930, 40.6814,

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

42.8930, 40.6814, 57.2214

Protanopia

40.4094, 40.9800, 59.8129

Deuteranopia

41.6878, 40.8796, 56.7323



Tritanopia

41.3483, 40.8778, 48.8909

Trichromacy



Original Color

42.8930, 40.6814, 57.2214

Protanomaly

41.4293, 40.9667, 59.1499

Deuteranomaly

42.1962, 40.8708, 56.7038

Tritanomaly

41.9216, 40.8425, 51.5728

Monochromacy



Original Color

42.8930, 40.6814, 57.2214

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.1783, 41.5918, 50.1137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8930, 40.6814, 57.2214 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(184, 164, 195)` looks like.

```
.text, #text, p{  
    color:rgb(184, 164, 195)  
}
```

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(184, 164, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 164, 195) }
```

Border

The CSS property to change the border of an element to XYZ 42.8930, 40.6814, 57.2214 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(184, 164, 195) }
```


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

```
.border{ border-color:rgb(184, 164, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 164, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 164, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 164, 195);  
box-shadow:4px 4px 4px 4px rgb(184, 164,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8930, 40.6814, 57.2214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 164, 195) }
```

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

```
.background{ background-color: rgb(184,  
164, 195) }
```

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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