

Converting Colors

XYZ(41.2866, 37.2871, 57.2456)

Have a look what the booklet for
XYZ(41.2866, 37.2871, 57.2456)
contains.

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Color

**XYZ(41.2866, 37.2871,
57.2456)**

Conversions

Conversions Part 1

Format	Color
Hex	B89AC4
RGB	184, 154, 196
RGB Percent	72%, 60%, 77%
CMY	0.2784, 0.3961, 0.2314
CMYK	0.06, 0.21, 0.00, 0.23
HSL	283°, 26%, 69%
HSV	283°, 21%, 77%
XYZ	41.2866, 37.2871, 57.2456
YIQ	167.7580, 4.3980, 19.4220

Conversions

Conversions Part 2

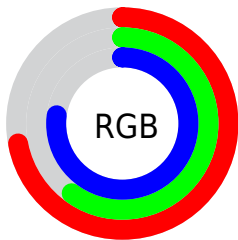
Format	Color
RYB	184, 154, 196
Decimal	12098244
CIELab	67.49, 18.79, -17.47
CIElCh	67, 25.656, 317.088
Yxy	37.2871, 0.3040, 0.2745
Android (android.graphics.Color)	4290288324 (0xFFB89AC4)
YUV	167.7580, 13.9233, 14.2442
Hunter-Lab	61.0632, 13.8286, -12.8391

Details

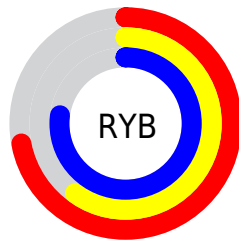
The XYZ color **41.2866, 37.2871, 57.2456** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.2998, 49.9208, 38.0326**, and the grayscale version is **37.0343, 38.9629, 42.4306**.

A 20% lighter version of the original color is **76.4653, 71.2180, 102.6448**, and **19.0928, 16.4788, 27.7656** is the 20% darker color. If you saturate the color by 10%, you get **36.9973, 30.6602, 56.1931**, and if you desaturate by 10%, it is **46.1595, 45.0009, 58.4783**.

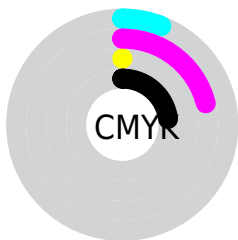
Distribution



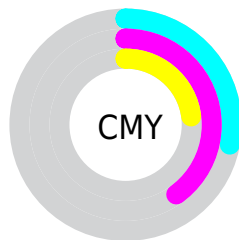
- Red (72%)
- Green (60%)
- Blue (77%)



- Red (72%)
- Yellow (60%)
- Blue (77%)



- Cyan (6%)
- Magenta (21%)
- Yellow (0%)
- Black (23%)





- Cyan (28%)
- Magenta (40%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2866, 37.2871, 57.2456 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 41.2866, 37.2871, 57.2456 by changing the saturation by 10% instead.


 41.2866, 37.2871,
57.2456


 41.2866, 37.2871,
57.2456

342.5592,
334.5518, 431.8885

 28.7318, 25.4299,
40.7918


 76.3907, 71.0141,
102.3274

 19.0213, 16.3976,
27.8379


 99.6707, 93.6527,
131.7924

 11.7897, 9.8059,
17.9656


127.2565,
120.6538, 166.4315

 6.6718, 5.2705,
10.7561

159.5134,
152.4019, 206.6634

 3.3022, 2.4068,
5.7910

196.8067,
189.2814, 252.9065

 1.3155, 0.8294,
2.6517

239.5019,

 0.1948, 0.0000,

231.6766, 305.5793

0.9190

287.9643,
279.9719, 365.1005

■ 0.0000, 0.0000,
0.0000

■ 41.2866, 37.2871,
57.2456

■ 41.2866, 37.2871,
57.2456

■ 36.9973, 30.6602,
56.1931

■ 46.1595, 45.0009,
58.4783

■ 33.2620, 25.0640,
55.3098

■ 51.6370, 53.8449,
59.8966

■ 30.0534, 20.4442,
54.5872

■ 57.7432, 63.8658,
61.5090

■ 27.3405, 16.7397,
54.0152

■ 64.4999, 75.1062,
63.3225

■ 25.0888, 13.8823,
53.5823

■ 71.9278, 87.6066,
65.3439

■ 23.2587, 11.7940,
53.2757

■ 74.5185, 90.3497,
65.7368

■ 21.8033, 10.3821,
53.0799

■ 76.2177, 91.2257,
65.8163

■ 20.7791, 9.5610,
52.9754

■ 77.9740, 92.1311,
65.8985

■ 79.7879, 93.0662,
65.9834

Harmonies

Analogous

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



37.7145, 37.2871, 65.0843



41.2866, 37.2871, 57.2456



43.3536, 37.2871, 45.6456

Triad

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



41.2866, 37.2871, 57.2456



37.1611, 37.2871, 22.9033



28.6777, 37.2871, 47.3179

Complementary

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



41.2866, 37.2871, 57.2456



41.2998, 49.9208, 38.0326

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.



28.5537, 37.2871, 35.9394



41.2866, 37.2871, 57.2456



33.2593, 37.2871, 23.1840

Square

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



41.2866, 37.2871, 57.2456



40.8556, 37.2871, 26.6855



30.1737, 37.2871, 27.5402



30.5259, 37.2871, 58.6638

Rectangle

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



41.2866, 37.2871, 57.2456



43.5068, 37.2871, 37.9791



30.1737, 37.2871, 27.5402



28.4381, 37.2871, 43.3374

Sweetspot

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



41.2878, 37.2887, 57.2464



88.7718, 89.8040, 107.2629



37.0373, 38.3483, 57.6750



18.8599, 18.9943, 22.9222



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.



41.2878, 37.2887, 57.2464



70.7941, 61.3289, 102.7141



43.3557, 38.4621, 52.4909



10.2078, 10.0983, 12.6960



13.4395, 6.1887, 34.0428



0.6457, 0.3009, 1.4739

Inverse Universe

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



41.2047, 37.6018, 41.1642



70.7144, 62.0628, 67.6968



39.6249, 48.9737, 41.7352



10.1889, 10.1242, 11.0852



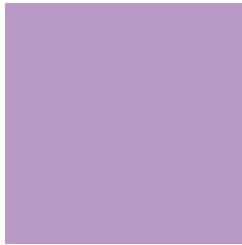
15.1187, 7.7372, 3.2711



0.6839, 0.3466, 0.3028

Previews

White Background



This preview shows how the XYZ color 41.2866, 37.2871, 57.2456 looks on a white background.

Color Contrast Check

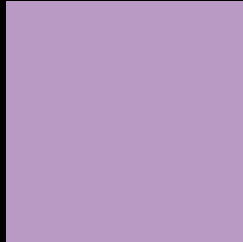
Large Text (above 18pt) WCAG AA × Fail

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 41.2866, 37.2871, 57.2456 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 41.2866, 37.2871, 57.2456

Background



This preview shows how black text looks on a background with the XYZ color 41.2866, 37.2871, 57.2456.



This preview shows how white text looks on a background with the XYZ color 41.2866, 37.2871,

57.2456.

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

41.2866, 37.2871, 57.2456

Protanopia

37.2754, 37.4272, 61.1367

Deuteranopia

38.3211, 37.5369, 56.8554



Tritanopia

38.5712, 37.4398, 43.7218

Trichromacy



Original Color

41.2866, 37.2871, 57.2456

Protanomaly

38.7220, 37.4187, 59.8252

Deuteranomaly

39.3108, 37.2781, 56.7532

Tritanomaly

39.3512, 37.2330, 48.2927

Monochromacy



Original Color

41.2866, 37.2871, 57.2456

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.5886, 38.4074, 47.4990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2866, 37.2871, 57.2456 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, 154, 196)` looks like.

```
.text, #text, p{  
    color:rgb(184, 154, 196)  
}
```

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, 154, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 154, 196) }
```

Border

The CSS property to change the border of an element to XYZ 41.2866, 37.2871, 57.2456 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, 154, 196) }
```


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

```
.border{ border-color:rgb(184, 154, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 154, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 154, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 154, 196);  
box-shadow:4px 4px 4px 4px rgb(184, 154,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2866, 37.2871, 57.2456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 154, 196) }
```

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

```
.background{ background-color: rgb(184,  
154, 196) }
```

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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