

Converting Colors

XYZ(42.5637, 36.7326, 57.6701)

Have a look what the booklet for
XYZ(42.5637, 36.7326, 57.6701)
contains.

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Color

**XYZ(42.5637, 36.7326,
57.6701)**

Conversions

Conversions Part 1

Format	Color
Hex	C095C5
RGB	192, 149, 197
RGB Percent	75%, 58%, 77%
CMY	0.2471, 0.4157, 0.2274
CMYK	0.03, 0.24, 0.00, 0.23
HSL	294°, 29%, 68%
HSV	294°, 24%, 77%
XYZ	42.5637, 36.7326, 57.6701
YIQ	167.3290, 10.2200, 24.0440

Conversions

Conversions Part 2

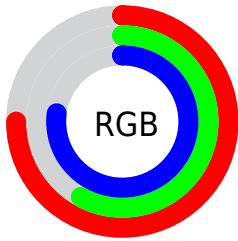
Format	Color
RYB	192, 149, 197
Decimal	12621253
CIELab	67.08, 24.45, -18.58
CIELCh	67, 30.710, 322.761
Yxy	36.7326, 0.3108, 0.2682
Android (android.graphics.Color)	4290811333 (0xFFC095C5)
YUV	167.3290, 14.6278, 21.6365
Hunter-Lab	60.6074, 19.2949, -13.9913

Details

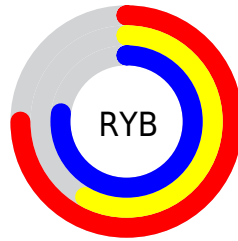
The XYZ color **42.5637, 36.7326, 57.6701** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.7189, 48.9734, 35.8478**, and the grayscale version is **36.8193, 38.7368, 42.1844**.

A 20% lighter version of the original color is **78.3123, 70.0074, 103.1512**, and **19.8068, 16.1218, 28.0545** is the 20% darker color. If you saturate the color by 10%, you get **39.1911, 30.7527, 56.6942**, and if you desaturate by 10%, it is **46.4730, 43.7738, 58.8237**.

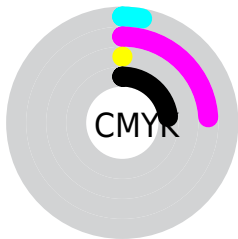
Distribution



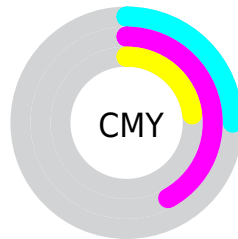
- Red (75%)
- Green (58%)
- Blue (77%)



- Red (75%)
- Yellow (58%)
- Blue (77%)



- Cyan (3%)
- Magenta (24%)
- Yellow (0%)
- Black (23%)



- Cyan (25%)
- Magenta (42%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5637, 36.7326, 57.6701 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 42.5637, 36.7326, 57.6701 by changing the saturation by 10% instead.

■ 42.5637, 36.7326,
57.6701

■ 42.5637, 36.7326,
57.6701

347.7664,
332.1514, 433.5194

■ 29.7360, 25.0005,
41.1305

■ 78.3119, 70.1613,
102.9523

■ 19.7853, 16.0774,
28.1006

■ 101.9630, 92.6268,
132.5321

■ 12.3465, 9.5790,
18.1618

129.9527,
119.4388, 167.2956

■ 7.0540, 5.1207,
10.8956

162.6463,
150.9818, 207.6615

■ 3.5425, 2.3183,
5.8834

200.4091,
187.6401, 254.0483

■ 1.4467, 0.7833,
2.7067

243.6065,

■ 0.2891, 0.0000,

229.7983, 306.8745

0.9468

292.6038,
277.8405, 366.5587

■ 0.0000, 0.0000,
0.0000

■ 42.5637, 36.7326,
57.6701

■ 42.5637, 36.7326,
57.6701

■ 39.1911, 30.7527,
56.6942

■ 46.4730, 43.7738,
58.8237

■ 36.3251, 25.7762,
55.8847

■ 50.9403, 51.9208,
60.1608

■ 33.9383, 21.7471,
55.2328

■ 55.9898, 61.2213,
61.6898

■ 31.9986, 18.6019,
54.7279

■ 61.6434, 71.7190,
63.4181

■ 30.4706, 16.2693,
54.3582

■ 67.9216, 83.4552,
65.3525

■ 29.3130, 14.6670,
54.1099

■ 70.8262, 88.4330,
66.1602

■ 28.4758, 13.6950,
53.9665

■ 71.3935, 88.7255,
66.1868

■ 28.0913, 13.3174,
53.9138

■ 71.9683, 89.0219,
66.2137

■ 72.5506, 89.3221,
66.2410

Harmonies

Analogous

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



38.5050, 36.7326, 68.7165



42.5637, 36.7326, 57.6701



44.6037, 36.7326, 43.3256

Triad

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



42.5637, 36.7326, 57.6701



36.0574, 36.7326, 19.5185



27.2680, 36.7326, 50.7966

Complementary

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



42.5637, 36.7326, 57.6701



38.7189, 48.9734, 35.8478

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.



26.7390, 36.7326, 36.8407



42.5637, 36.7326, 57.6701



31.5521, 36.7326, 20.6545

Square

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



42.5637, 36.7326, 57.6701



40.6359, 36.7326, 22.8121



28.2393, 36.7326, 26.3605



29.7548, 36.7326, 64.1704

Rectangle

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



42.5637, 36.7326, 57.6701



44.4271, 36.7326, 34.5782



28.2393, 36.7326, 26.3605



26.8649, 36.7326, 45.9511

Sweetspot

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



42.5648, 36.7342, 57.6709



88.9369, 88.7843, 107.0574



34.1289, 33.7323, 57.5361



18.9286, 18.8069, 22.8824



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.



42.5648, 36.7342, 57.6709



73.0465, 60.1162, 102.3614



41.8709, 36.6054, 47.2959



10.9701, 10.7583, 13.4159



18.5184, 8.7808, 35.4632



0.9090, 0.4323, 1.6807

Inverse Universe

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



39.6074, 35.7000, 35.3769



66.9326, 57.9915, 55.6696



39.3741, 49.1279, 44.1623



10.6780, 10.6546, 11.2878



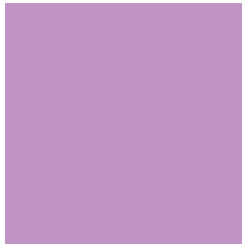
15.2464, 7.8481, 1.2416



0.7375, 0.3778, 0.1408

Previews

White Background



This preview shows how the XYZ color 42.5637, 36.7326, 57.6701 looks on a white background.

Color Contrast Check

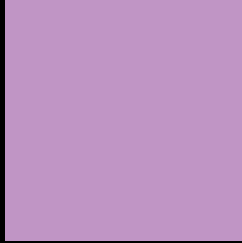
Large Text (above 18pt) WCAG AA × Fail

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 42.5637, 36.7326, 57.6701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

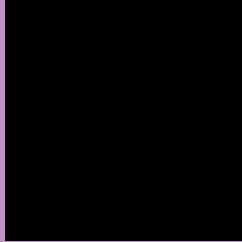
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5637, 36.7326, 57.6701

Background



This preview shows how black text looks on a background with the XYZ color 42.5637, 36.7326, 57.6701.



This preview shows how white text looks on a background with the XYZ color 42.5637, 36.7326,

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

42.5637, 36.7326, 57.6701

Protanopia

37.1978, 37.0692, 63.5871

Deuteranopia

37.7310, 36.9743, 56.7779



Tritanopia

39.4354, 36.9241, 41.6078

Trichromacy



Original Color

42.5637, 36.7326, 57.6701

Protanomaly

38.7728, 36.6412, 61.5288

Deuteranomaly

39.3078, 36.7611, 57.2484

Tritanomaly

40.4134, 36.8156, 47.0956

Monochromacy



Original Color

42.5637, 36.7326, 57.6701

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.5112, 37.5861, 47.3446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5637, 36.7326, 57.6701 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(192, 149, 197)` looks like.

```
.text, #text, p{  
    color:rgb(192, 149, 197)  
}
```

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(192, 149, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 149, 197) }
```

Border

The CSS property to change the border of an element to XYZ 42.5637, 36.7326, 57.6701 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(192, 149, 197) }
```


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

```
.border{ border-color:rgb(192, 149, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 149, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 149, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 149, 197);  
box-shadow:4px 4px 4px 4px rgb(192, 149,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5637, 36.7326, 57.6701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 149, 197) }
```

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

```
.background{ background-color: rgb(192,  
149, 197) }
```

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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