

Converting Colors

XYZ(42.2758, 36.2340, 52.3426)

Have a look what the booklet for
XYZ(42.2758, 36.2340, 52.3426)
contains.

XYZ(42.2758, 36.2340, 52.3426)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.2758, 36.2340,
52.3426)**

Conversions

Conversions Part 1

Format	Color
Hex	C493BC
RGB	196, 147, 188
RGB Percent	77%, 58%, 74%
CMY	0.2314, 0.4235, 0.2627
CMYK	0.00, 0.25, 0.04, 0.23
HSL	310°, 29%, 67%
HSV	310°, 25%, 77%
XYZ	42.2758, 36.2340, 52.3426
YIQ	166.3250, 16.0430, 23.1390

Conversions

Conversions Part 2

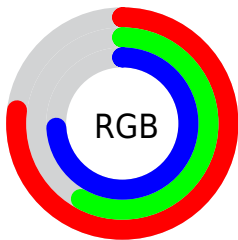
Format	Color
R_{YB}	196, 147, 188
Decimal	12882876
CIE _{Lab}	66.70, 25.21, -14.09
CIE _{LCh}	67, 28.882, 330.800
Yxy	36.2340, 0.3231, 0.2769
Android (android.graphics.Color)	4291072956 (0xFFC493BC)
YUV	166.3250, 10.6858, 26.0250
Hunter-Lab	60.1947, 20.0230, -9.4196

Details

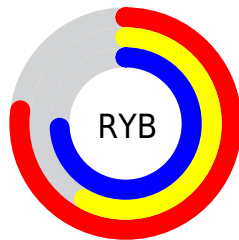
The XYZ color **42.2758, 36.2340, 52.3426** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.6904, 48.0507, 38.3007**, and the grayscale version is **36.3481, 38.2410, 41.6444**.

A 20% lighter version of the original color is **77.7238, 69.1876, 94.8460**, and **19.7114, 15.8658, 24.9452** is the 20% darker color. If you saturate the color by 10%, you get **39.1429, 30.5137, 49.6152**, and if you desaturate by 10%, it is **45.9378, 42.9991, 55.2849**.

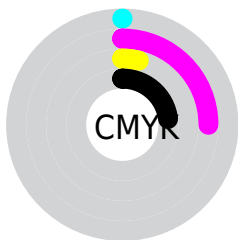
Distribution



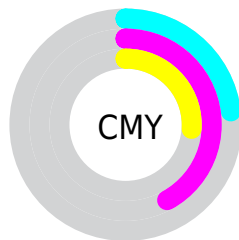
- Red (77%)
- Green (58%)
- Blue (74%)



- Red (77%)
- Yellow (58%)
- Blue (74%)



- Cyan (0%)
- Magenta (25%)
- Yellow (4%)
- Black (23%)



- Cyan (23%)
- Magenta (42%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2758, 36.2340, 52.3426 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 42.2758, 36.2340, 52.3426 by changing the saturation by 10% instead.

■ 42.2758, 36.2340,
52.3426

■ 42.2758, 36.2340,
52.3426

346.5972,
329.9822, 412.7523

■ 29.5094, 24.6150,
36.8941

■ 77.8794, 69.3931,
95.0680

■ 19.6127, 15.7904,
24.8304

■ 101.4473, 91.7019,
123.1820

■ 12.2205, 9.3760,
15.7328

129.3464,
118.3428, 156.3550

■ 6.9673, 4.9872,
9.1830

161.9420,
149.7002, 195.0054

■ 3.4878, 2.2398,
4.7623

199.5996,
186.1584, 239.5518

■ 1.4167, 0.7415,
2.0522

242.6844,

■ 0.2680, 0.0000,

228.1019, 290.4127

0.5871

291.5618,
275.9150, 348.0067

■ 0.0000, 0.0000,
0.0000

■ 42.2758, 36.2340,
52.3426

■ 42.2758, 36.2340,
52.3426

■ 39.1429, 30.5137,
49.6152

■ 45.9378, 42.9991,
55.2849

■ 36.5094, 25.7807,
47.0914

■ 50.1502, 50.8531,
58.4482

■ 34.3479, 21.9793,
44.7622

■ 54.9368, 59.8435,
61.8413

■ 32.6266, 19.0466,
42.6168

■ 60.3195, 70.0133,
65.4714

■ 31.3100, 16.9114,
40.6431

■ 66.3187, 81.4036,
69.3457

■ 30.3571, 15.4916,
38.8271

■ 69.8127, 87.7709,
72.4240

■ 29.7178, 14.6872,
37.1519

■ 70.2086, 87.9293,
74.5086

■ 29.4659, 14.4162,
36.3501

■ 70.6124, 88.0908,
76.6353

■ 71.0243, 88.2556,
78.8042

Harmonies

Analogous

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



38.9061, 36.2340, 63.8365



42.2758, 36.2340, 52.3426



43.5062, 36.2340, 39.1187

Triad

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



42.2758, 36.2340, 52.3426



34.3225, 36.2340, 20.0080



27.7376, 36.2340, 53.0461

Complementary

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



42.2758, 36.2340, 52.3426



37.6904, 48.0507, 38.3007

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.



26.7288, 36.2340, 39.7885



42.2758, 36.2340, 52.3426



30.3282, 36.2340, 22.2348

Square

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



42.2758, 36.2340, 52.3426



38.6868, 36.2340, 22.0071



27.6365, 36.2340, 28.8743



30.5147, 36.2340, 64.2992

Rectangle

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



42.2758, 36.2340, 52.3426



42.8726, 36.2340, 31.5367



27.6365, 36.2340, 28.8743



27.1915, 36.2340, 48.5934

Sweetspot

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



42.2769, 36.2356, 52.3434



89.1519, 88.9490, 104.6364



33.7922, 31.7592, 56.5745



18.9786, 18.8452, 22.3199



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.



42.2769, 36.2356, 52.3434



73.3636, 59.7415, 92.0700



39.9144, 35.2906, 39.9026



10.4244, 10.2184, 12.3253



18.9598, 9.2737, 23.4981



0.8385, 0.4084, 1.1168

Inverse Universe

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



42.2769, 36.2356, 52.3434



73.3636, 59.7415, 92.0700



39.8954, 48.9326, 49.9118



10.4244, 10.2184, 12.3253



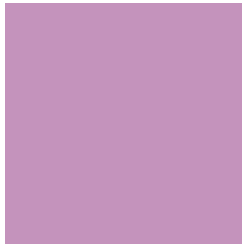
18.9598, 9.2737, 23.4981



0.8385, 0.4084, 1.1168

Previews

White Background



This preview shows how the XYZ color 42.2758, 36.2340, 52.3426 looks on a white background.

Color Contrast Check

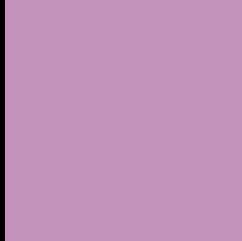
Large Text (above 18pt) WCAG AA × Fail

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 42.2758, 36.2340, 52.3426 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 42.2758, 36.2340, 52.3426

Background



This preview shows how black text looks on a background with the XYZ color 42.2758, 36.2340, 52.3426.



This preview shows how white text looks on a background with the XYZ color 42.2758, 36.2340,

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

42.2758, 36.2340, 52.3426

Protanopia

36.1493, 36.3910, 57.9422

Deuteranopia

37.0261, 36.2144, 51.4930



Tritanopia

39.6698, 36.1150, 39.5304

Trichromacy



Original Color

42.2758, 36.2340, 52.3426

Protanomaly

37.9883, 36.1070, 56.0061

Deuteranomaly

38.8853, 36.1640, 51.9446

Tritanomaly

40.6009, 36.2606, 43.8888

Monochromacy



Original Color

42.2758, 36.2340, 52.3426

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.1696, 37.1994, 45.2128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2758, 36.2340, 52.3426 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(196, 147, 188)` looks like.

```
.text, #text, p{  
    color:rgb(196, 147, 188)  
}
```

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(196, 147, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 147, 188) }
```

Border

The CSS property to change the border of an element to XYZ 42.2758, 36.2340, 52.3426 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(196, 147, 188) }
```


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

```
.border{ border-color:rgb(196, 147, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 147, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 147, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 147, 188);  
box-shadow:4px 4px 4px 4px rgb(196, 147,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2758, 36.2340, 52.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 147, 188) }
```

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

```
.background{ background-color: rgb(196,  
147, 188) }
```

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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