

Converting Colors

XYZ(43.0560, 37.3230, 36.7548)

Have a look what the booklet for
XYZ(43.0560, 37.3230, 36.7548)
contains.

XYZ(42.9702, 37.1694, 36.8079)	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(42.9702, 37.1694,
36.8079)**

Conversions

Conversions Part 1

Format	Color
Hex	D1949D
RGB	209, 148, 157
RGB Percent	82%, 58%, 62%
CMY	0.1804, 0.4196, 0.3843
CMYK	0.00, 0.29, 0.25, 0.18
HSL	351°, 40%, 70%
HSV	351°, 29%, 82%
XYZ	42.9702, 37.1694, 36.8079
YIQ	167.2650, 33.4670, 15.7310

Conversions

Conversions Part 2

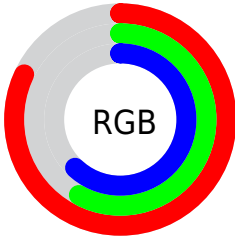
Format	Color
R _Y B	209, 148, 157
Decimal	13735069
CIE Lab	67.40, 24.25, 4.48
CIE LCh	67, 24.658, 10.460
Yxy	37.1694, 0.3674, 0.3178
Android (android.graphics.Color)	4291925149 (0xFFD1949D)
YUV	167.2650, -5.0606, 36.6016
Hunter-Lab	60.9667, 19.1176, 6.8811

Details

The XYZ color **42.9702, 37.1694, 36.8079** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.4401, 56.0679, 63.0736**, and the grayscale version is **36.8731, 38.7934, 42.2460**.

A 20% lighter version of the original color is **74.1184, 68.2042, 70.8863**, and **20.0131, 16.3623, 15.7391** is the 20% darker color. If you saturate the color by 10%, you get **38.5712, 30.6307, 28.3758**, and if you desaturate by 10%, it is **48.1850, 44.9841, 46.6073**.

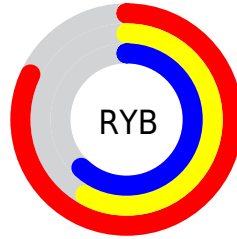
Distribution



Red (82%)

Green (58%)

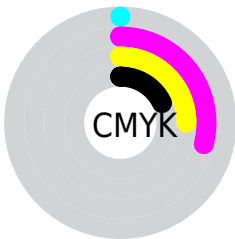
Blue (62%)



Red (82%)

Yellow (58%)

Blue (62%)

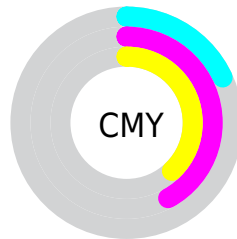


Cyan (0%)

Magenta (29%)

Yellow (25%)

Black (18%)



Cyan (18%)

Magenta (42%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9702, 37.1694, 36.8079 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 42.9702, 37.1694, 36.8079 by changing the saturation by 10% instead.


 42.9702, 37.1694,
36.8079


 42.9702, 37.1694,
36.8079


349.4128,
334.0433, 347.6217

 30.0562, 25.3387,
24.7642


 78.9219, 70.8332,
71.4603

 20.0295, 16.3296,
15.6840


 102.6902, 93.4352,
94.9060

 12.5249, 9.7577,
9.1489


130.8074,
120.3963, 122.9894

 7.1769, 5.2386,
4.7403

163.6387,
152.1009, 156.1292

 3.6203, 2.3879,
2.0396

201.5496,
188.9336, 194.7437

 1.4897, 0.8197,
0.5795

244.9053,

 0.3188, 0.0000,

231.2786, 239.2516

0.0000

294.0712,
279.5204, 290.0714

■ 0.0000, 0.0000,
0.0000

■ 42.9702, 37.1694,
36.8079

■ 42.9702, 37.1694,
36.8079

■ 38.5712, 30.6307,
28.3758

■ 48.1850, 44.9841,
46.6073

■ 34.9435, 25.2952,
21.2477

■ 54.2510, 54.1320,
57.8287

■ 32.0430, 21.0908,
15.3588

■ 61.2052, 64.6734,
70.5270

■ 29.8198, 17.9356,
10.6375

■ 69.0816, 76.6632,
84.7530

■ 28.2177, 15.7364,
7.0051

■ 77.9122, 90.1533,
100.5553

■ 27.1710, 14.3837,
4.3727

■ 80.1046, 92.2954,
108.2006

■ 26.5776, 13.6982,
2.6296

■ 26.5396, 13.6534,
2.5208

Harmonies

Analogous

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



42.6317, 37.1694, 47.8416



42.9702, 37.1694, 36.8079



41.1532, 37.1694, 28.4086

Triad

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



42.9702, 37.1694, 36.8079



30.8179, 37.1694, 26.6073



32.9523, 37.1694, 63.4331

Complementary

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



42.9702, 37.1694, 36.8079



45.4401, 56.0679, 63.0736

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.



30.0809, 37.1694, 55.5403



42.9702, 37.1694, 36.8079



28.9108, 37.1694, 33.8994

Square

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



42.9702, 37.1694, 36.8079



34.0250, 37.1694, 23.2559



28.6510, 37.1694, 44.3697



36.6647, 37.1694, 64.5911

Rectangle

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



42.9702, 37.1694, 36.8079



39.0351, 37.1694, 24.9258



28.6510, 37.1694, 44.3697



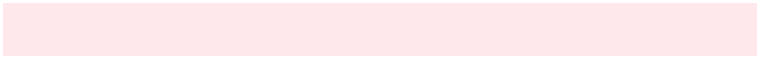
31.8641, 37.1694, 61.4210

Sweetspot

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



42.9712, 37.1711, 36.8087



85.1690, 85.0247, 90.8495



45.8791, 38.0438, 65.2470



17.9112, 17.7174, 18.8599



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.



42.9712, 37.1711, 36.8087



62.9587, 51.6928, 49.2611



45.8941, 44.2013, 34.1319



11.8788, 11.8362, 12.6374



16.3859, 8.4272, 1.6726



0.9395, 0.4805, 0.2160

Inverse Universe

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



42.9712, 37.1711, 36.8087



62.9587, 51.6928, 49.2611



41.6313, 46.7178, 67.1451



11.8788, 11.8362, 12.6374



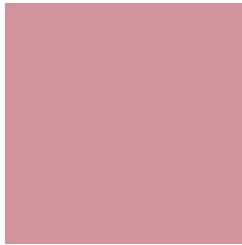
16.3859, 8.4272, 1.6726



0.9395, 0.4805, 0.2160

Previews

White Background



This preview shows how the XYZ color 42.9702, 37.1694, 36.8079 looks on a white background.

Color Contrast Check

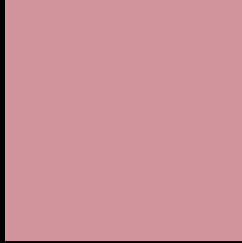
Large Text (above 18pt) WCAG AA × Fail

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 42.9702, 37.1694, 36.8079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

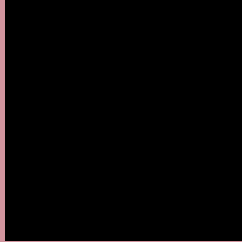
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9702, 37.1694, 36.8079

Background



This preview shows how black text looks on a background with the XYZ color 42.9702, 37.1694, 36.8079.



This preview shows how white text looks on a background with the XYZ color 42.9702, 37.1694,

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

42.9702, 37.1694, 36.8079

Protanopia

36.0947, 37.5196, 41.4160

Deuteranopia

38.0817, 37.3532, 36.2131



Tritanopia

43.1424, 37.2383, 37.7148

Trichromacy



Original Color

42.9702, 37.1694, 36.8079

Protanomaly

38.1291, 37.0431, 39.7908

Deuteranomaly

39.7144, 37.1804, 36.5359

Tritanomaly

43.0560, 37.2037, 37.2595

Monochromacy



Original Color

42.9702, 37.1694, 36.8079

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.4731, 37.7310, 39.9054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9702, 37.1694, 36.8079 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(209, 148, 157)` looks like.

```
.text, #text, p{  
    color:rgb(209, 148, 157)  
}
```

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(209, 148, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 148, 157) }
```

Border

The CSS property to change the border of an element to XYZ 42.9702, 37.1694, 36.8079 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(209, 148, 157) }
```


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

```
.border{ border-color:rgb(209, 148, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 148, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 148, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 148, 157);  
box-shadow:4px 4px 4px 4px rgb(209, 148,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9702, 37.1694, 36.8079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 148, 157) }
```

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

```
.background{ background-color: rgb(209,  
148, 157) }
```

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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