

Converting Colors

XYZ(35.9124, 24.2179, 37.6393)

Have a look what the booklet for
XYZ(35.9124, 24.2179, 37.6393)
contains.

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Color

**XYZ(35.8804, 24.2171,
37.4336)**

Conversions

Conversions Part 1

Format	Color
Hex	CC62A3
RGB	204, 98, 163
RGB Percent	80%, 38%, 64%
CMY	0.2000, 0.6157, 0.3608
CMYK	0.00, 0.52, 0.20, 0.20
HSL	323°, 51%, 59%
HSV	323°, 52%, 80%
XYZ	35.8804, 24.2171, 37.4336
YIQ	137.1040, 42.3110, 42.6870

Conversions

Conversions Part 2

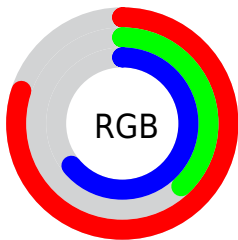
Format	Color
R _Y B	204, 98, 163
Decimal	13394595
CIE Lab	56.30, 49.71, -15.45
CIE LCh	56, 52.049, 342.738
Yxy	24.2171, 0.3679, 0.2483
Android (android.graphics.Color)	4291584675 (0xFFCC62A3)
YUV	137.1040, 12.7667, 58.6678
Hunter-Lab	49.2109, 44.0281, -10.6530

Details

The XYZ color **35.8804, 24.2171, 37.4336** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **31.2913, 47.6472, 31.9759**, and the grayscale version is **23.7601, 24.9974, 27.2222**.

A 20% lighter version of the original color is **65.1231, 48.7784, 72.3125**, and **15.8025, 9.1521, 15.9726** is the 20% darker color. If you saturate the color by 10%, you get **33.5241, 20.6006, 33.2680**, and if you desaturate by 10%, it is **38.7687, 28.8263, 41.9946**.

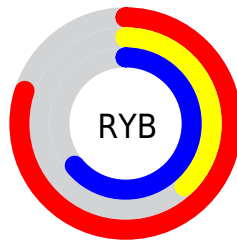
Distribution



Red (80%)

Green (38%)

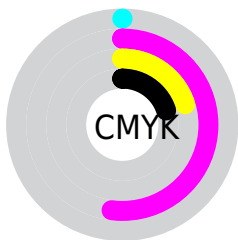
Blue (64%)



Red (80%)

Yellow (38%)

Blue (64%)

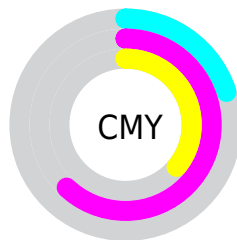


Cyan (0%)

Magenta (52%)

Yellow (20%)

Black (20%)



Cyan (20%)


Magenta (62%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8804, 24.2171, 37.4336 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 35.8804, 24.2171, 37.4336 by changing the saturation by 10% instead.

 35.8804, 24.2171,
37.4336


 35.8804, 24.2171,
37.4336


319.8779,
273.9162, 350.4090

 24.5115, 15.4947,
25.2450


 68.1725, 50.3842,
72.4329


 15.8403, 9.1673,
16.0390

 89.8264, 68.5978,
96.0807

 9.5013, 4.8505,
9.3971


 115.6394, 90.7439,
124.3853

 5.1293, 2.1598,
4.9007

 145.9769,
117.2070, 157.7652

 2.3589, 0.6979,
2.1314

181.2041,
148.3713, 196.6390

 0.8245, 0.0000,
0.6344

221.6864,

 0.0000, 0.0000,

184.6214, 241.4252

0.0000

267.7892,
226.3416, 292.5424

■ 35.8804, 24.2171,
37.4336

■ 35.8804, 24.2171,
37.4336

■ 33.5241, 20.6006,
33.2680

■ 38.7687, 28.8263,
41.9946

■ 31.6590, 17.8975,
29.4798

■ 42.2212, 34.4924,
46.9650

■ 30.2417, 16.0222,
26.0505

■ 46.2703, 41.2785,
52.3595

■ 29.2198, 14.8707,
22.9585

■ 50.9450, 49.2416,
58.1915

■ 28.6095, 14.3204,
20.6887

■ 56.2724, 58.4347,
64.4734

■ 62.2780, 68.9078,
71.2174

■ 68.9860, 80.7078,
78.4349

■ 74.4071, 89.8555,
85.4661

■ 75.5161, 90.2991,
91.3058

Harmonies

Analogous

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



31.7646, 24.2171, 58.8255



35.8804, 24.2171, 37.4336



36.1981, 24.2171, 19.7358

Triad

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



35.8804, 24.2171, 37.4336



20.5673, 24.2171, 5.4917



15.5439, 24.2171, 55.7336

Complementary

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



35.8804, 24.2171, 37.4336



31.2913, 47.6472, 31.9759

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.



13.5019, 24.2171, 34.3417



35.8804, 24.2171, 37.4336



16.0447, 24.2171, 8.7888

Square

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



35.8804, 24.2171, 37.4336



26.6122, 24.2171, 5.7322



13.6677, 24.2171, 17.7316



19.7622, 24.2171, 72.1556

Rectangle

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



35.8804, 24.2171, 37.4336



34.1447, 24.2171, 12.2363



13.6677, 24.2171, 17.7316



14.6160, 24.2171, 48.5663

Sweetspot

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



35.8811, 24.2183, 37.4341



80.9495, 75.6993, 92.1753



25.8544, 18.5539, 59.3457



16.9824, 15.6169, 19.2992



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.



35.8811, 24.2183, 37.4341



55.2257, 33.6790, 54.5378



32.1050, 22.7078, 17.5492



11.4965, 11.3273, 13.1492



18.0538, 9.0321, 13.2678



0.9678, 0.4805, 0.8764

Inverse Universe

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



35.8811, 24.2183, 37.4341



55.2257, 33.6790, 54.5378



36.1046, 49.5726, 57.3227



11.4965, 11.3273, 13.1492



18.0538, 9.0321, 13.2678



0.9678, 0.4805, 0.8764

Previews

White Background



This preview shows how the XYZ color 35.8804, 24.2171, 37.4336 looks on a white background.

Color Contrast Check

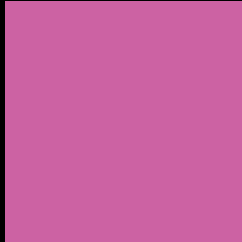
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.8804, 24.2171, 37.4336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

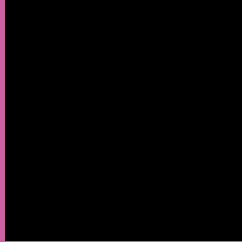
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.8804, 24.2171, 37.4336

Background



This preview shows how black text looks on a background with the XYZ color 35.8804, 24.2171, 37.4336.



This preview shows how white text looks on a background with the XYZ color 35.8804, 24.2171,

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

35.8804, 24.2171, 37.4336

Protanopia

25.3182, 24.6463, 51.5669

Deuteranopia

24.8183, 24.3401, 35.2883



Tritanopia

32.0681, 24.1282, 19.4900

Trichromacy



Original Color

35.8804, 24.2171, 37.4336

Protanomaly

27.6533, 23.4541, 46.2496

Deuteranomaly

27.8748, 23.6175, 35.8904

Tritanomaly

33.2713, 24.0116, 25.0714

Monochromacy



Original Color

35.8804, 24.2171, 37.4336

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.9692, 23.8183, 30.3701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8804, 24.2171, 37.4336 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(204, 98, 163)` looks like.

```
.text, #text, p{  
    color:rgb(204, 98, 163)  
}
```

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(204, 98, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 98, 163) }
```

Border

The CSS property to change the border of an element to XYZ 35.8804, 24.2171, 37.4336 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(204, 98, 163) }
```


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

```
.border{ border-color:rgb(204, 98, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 98, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 98, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 98, 163);  
box-shadow:4px 4px 4px 4px rgb(204, 98,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8804, 24.2171, 37.4336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 98, 163) }
```

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

```
.background{ background-color: rgb(204, 98,  
163) }
```

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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