

Converting Colors

XYZ(37.3350, 24.5824, 41.4562)

Have a look what the booklet for
XYZ(37.3350, 24.5824, 41.4562)
contains.

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Color

**XYZ(37.2657, 24.5714,
41.3067)**

Conversions

Conversions Part 1

Format	Color
Hex	CF60AB
RGB	207, 96, 171
RGB Percent	81%, 38%, 67%
CMY	0.1882, 0.6235, 0.3294
CMYK	0.00, 0.54, 0.17, 0.19
HSL	319°, 54%, 59%
HSV	319°, 54%, 81%
XYZ	37.2657, 24.5714, 41.3067
YIQ	137.7390, 42.0810, 46.8570

Conversions

Conversions Part 2

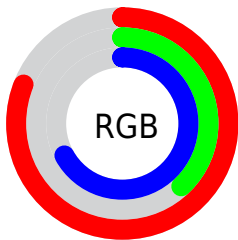
Format	Color
R_{YB}	207, 96, 171
Decimal	13590699
CIE _{Lab}	56.66, 52.78, -19.51
CIE _{LCh}	57, 56.276, 339.710
Yxy	24.5714, 0.3613, 0.2382
Android (android.graphics.Color)	4291780779 (0xFFCF60AB)
YUV	137.7390, 16.3977, 60.7419
Hunter-Lab	49.5695, 47.4471, -14.7081

Details

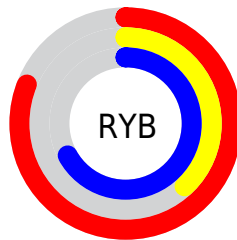
The XYZ color **37.2657, 24.5714, 41.3067** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **31.3027, 48.7792, 29.5974**, and the grayscale version is **23.9873, 25.2365, 27.4825**.

A 20% lighter version of the original color is **66.0341, 48.8842, 77.9067**, and **16.7004, 9.4018, 18.3873** is the 20% darker color. If you saturate the color by 10%, you get **34.9960, 21.0299, 37.4725**, and if you desaturate by 10%, it is **40.0666, 29.1225, 45.4788**.

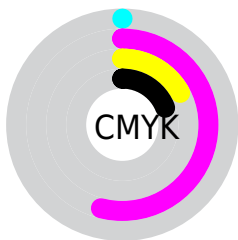
Distribution



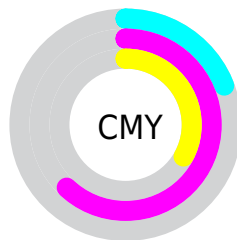
- Red (81%)
- Green (38%)
- Blue (67%)



- Red (81%)
- Yellow (38%)
- Blue (67%)



- Cyan (0%)
- Magenta (54%)
- Yellow (17%)
- Black (19%)




- Cyan (19%)
- Magenta (62%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2657, 24.5714, 41.3067 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 37.2657, 24.5714, 41.3067 by changing the saturation by 10% instead.

 37.2657, 24.5714,
41.3067


 37.2657, 24.5714,
41.3067

325.7950,
275.6967, 367.3154

 25.5879, 15.7580,
28.2373


 70.2924, 50.9611,
78.4080

 16.6467, 9.3531,
18.2640


 92.3721, 69.3061,
103.2769

 10.0766, 4.9722,
10.9683


 118.6497, 91.5972,
132.9162

 5.5124, 2.2310,
5.9316

 149.4906,
118.2187, 167.7442

 2.5888, 0.7368,
2.7354

185.2603,
149.5550, 208.1796

 0.9402, 0.0000,
0.9612

226.3240,

 0.0000, 0.0000,

185.9905, 254.6409

0.0000

273.0471,
227.9096, 307.5467

■ 37.2657, 24.5714,
41.3067

■ 37.2657, 24.5714,
41.3067

■ 34.9960, 21.0299,
37.4725

■ 40.0666, 29.1225,
45.4788

■ 33.2147, 18.4145,
33.9590

■ 43.4325, 34.7511,
50.0016

■ 31.8761, 16.6339,
30.7487

■ 47.3969, 41.5232,
54.8890

■ 30.9240, 15.5767,
27.8204

■ 51.9900, 49.4986,
60.1531

■ 30.4558, 15.1549,
26.0776

■ 57.2400, 58.7327,
65.8055

■ 63.1732, 69.2776,
71.8571

■ 69.8145, 81.1824,
78.3182

■ 75.0436, 90.2060,
84.4843

■ 75.9763, 90.5791,
89.3959

Harmonies

Analogous

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



32.3573, 24.5714, 65.1835



37.2657, 24.5714, 41.3067



38.0922, 24.5714, 21.1215

Triad

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



37.2657, 24.5714, 41.3067



21.2945, 24.5714, 4.6280



14.9461, 24.5714, 57.0366

Complementary

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



37.2657, 24.5714, 41.3067



31.3027, 48.7792, 29.5974

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.



13.0128, 24.5714, 33.3083



37.2657, 24.5714, 41.3067



16.1986, 24.5714, 7.4976

Square

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



37.2657, 24.5714, 41.3067



27.9980, 24.5714, 5.1831



13.4239, 24.5714, 16.0972



19.2549, 24.5714, 76.8270

Rectangle

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



37.2657, 24.5714, 41.3067



36.0851, 24.5714, 12.5670



13.4239, 24.5714, 16.0972



14.0371, 24.5714, 48.8991

Sweetspot

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



37.2665, 24.5726, 41.3072



81.3292, 75.8512, 94.1752



24.8299, 17.7094, 61.1415



17.0732, 15.6532, 19.7774



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.



37.2665, 24.5726, 41.3072



55.7185, 33.1472, 59.3804



33.0888, 22.9015, 19.3079



12.1409, 11.9411, 14.0178



19.2334, 9.5662, 16.6670



1.1109, 0.5491, 1.1191

Inverse Universe

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



37.2665, 24.5726, 41.3072



55.7185, 33.1472, 59.3804



36.0699, 50.6861, 54.7007



12.1409, 11.9411, 14.0178



19.2334, 9.5662, 16.6670



1.1109, 0.5491, 1.1191

Previews

White Background



This preview shows how the XYZ color 37.2657, 24.5714, 41.3067 looks on a white background.

Color Contrast Check

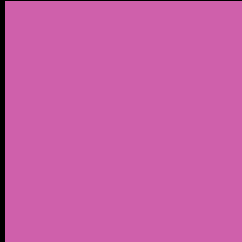
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.2657, 24.5714, 41.3067 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 37.2657, 24.5714, 41.3067

Background



This preview shows how black text looks on a background with the XYZ color 37.2657, 24.5714, 41.3067.



This preview shows how white text looks on a background with the XYZ color 37.2657, 24.5714,

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

37.2657, 24.5714, 41.3067

Protanopia

26.0207, 24.8652, 58.0716

Deuteranopia

25.1707, 24.6426, 39.0272



Tritanopia

32.6023, 24.4036, 19.5150

Trichromacy



Original Color

37.2657, 24.5714, 41.3067

Protanomaly

28.1145, 23.4030, 51.1795

Deuteranomaly

28.3895, 23.8000, 39.6568

Tritanomaly

34.0229, 24.3747, 26.2041

Monochromacy



Original Color

37.2657, 24.5714, 41.3067

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

27.6922, 24.1545, 32.0569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2657, 24.5714, 41.3067 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(207, 96, 171)` looks like.

```
.text, #text, p{  
    color:rgb(207, 96, 171)  
}
```

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(207, 96, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 96, 171) }
```

Border

The CSS property to change the border of an element to XYZ 37.2657, 24.5714, 41.3067 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(207, 96, 171) }
```


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

```
.border{ border-color:rgb(207, 96, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 96, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 96, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 96, 171);  
box-shadow:4px 4px 4px 4px rgb(207, 96,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2657, 24.5714, 41.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 96, 171) }
```

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

```
.background{ background-color: rgb(207, 96,  
171) }
```

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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