

Converting Colors

XYZ(38.3847, 24.8347, 37.3829)

Have a look what the booklet for
XYZ(38.3847, 24.8347, 37.3829)
contains.

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Color

**XYZ(38.2568, 24.7692,
37.4149)**

Conversions

Conversions Part 1

Format	Color
Hex	D65DA3
RGB	214, 93, 163
RGB Percent	84%, 36%, 64%
CMY	0.1608, 0.6353, 0.3608
CMYK	0.00, 0.57, 0.24, 0.16
HSL	325°, 60%, 60%
HSV	325°, 57%, 84%
XYZ	38.2568, 24.7692, 37.4149
YIQ	137.1590, 49.6460, 47.4220

Conversions

Conversions Part 2

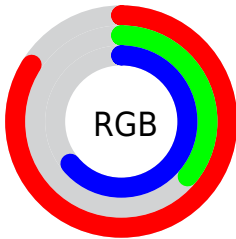
Format	Color
R_{YB}	214, 93, 163
Decimal	14048675
CIE _{Lab}	56.85, 55.16, -14.48
CIE _{LCh}	57, 57.032, 345.290
Yxy	24.7692, 0.3809, 0.2466
Android (android.graphics.Color)	4292238755 (0xFFD65DA3)
YUV	137.1590, 12.7396, 67.3896
Hunter-Lab	49.7687, 50.1164, -9.7347

Details

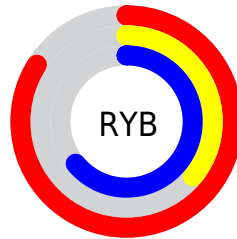
The XYZ color **38.2568, 24.7692, 37.4149** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **33.5961, 52.4347, 34.7384**, and the grayscale version is **23.7791, 25.0174, 27.2440**.

A 20% lighter version of the original color is **64.4848, 47.5018, 72.0997**, and **17.1806, 9.4177, 15.9512** is the 20% darker color. If you saturate the color by 10%, you get **35.8548, 21.2127, 32.7679**, and if you desaturate by 10%, it is **41.2434, 29.4021, 42.5416**.

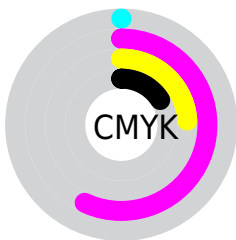
Distribution



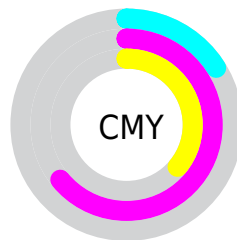
- Red (84%)
- Green (36%)
- Blue (64%)



- Red (84%)
- Yellow (36%)
- Blue (64%)



- Cyan (0%)
- Magenta (57%)
- Yellow (24%)
- Black (16%)



- Cyan (16%)
- Magenta (64%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2568, 24.7692, 37.4149 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 38.2568, 24.7692, 37.4149 by changing the saturation by 10% instead.

38.2568, 24.7692,
37.4149

38.2568, 24.7692,
37.4149

329.9821,
276.6866, 350.3260

26.3602, 15.9052,
25.2306

71.8029, 51.2826,
72.4039

17.2274, 9.4571,
16.0284

94.1832, 69.7007,
96.0456

10.4930, 5.0405,
9.3896

120.7886, 92.0723,
124.3436

5.7918, 2.2710,
4.8959

151.9847,
118.7818, 157.7164

2.7584, 0.7583,
2.1287

188.1367,
150.2136, 196.5825

1.0273, 0.0000,
0.6327

229.6101,

0.0000, 0.0000,

186.7521, 241.3604

0.0000

276.7701,
228.7816, 292.4687

■ 38.2568, 24.7692,
37.4149

■ 38.2568, 24.7692,
37.4149

■ 35.8548, 21.2127,
32.7679

■ 41.2434, 29.4021,
42.5416

■ 33.9889, 18.6382,
28.5780

■ 44.8534, 35.1880,
48.1661

■ 32.6060, 16.9413,
24.8216

■ 49.1247, 42.2006,
54.3068

■ 31.6376, 15.9872,
21.4695

■ 54.0914, 50.5063,
60.9804

■ 31.3570, 15.7463,
20.3884

■ 59.7853, 60.1670,
68.2027

■ 66.2360, 71.2404,
75.9889

■ 73.4716, 83.7807,
84.3531

■ 78.5107, 91.8238,
92.3066

■ 79.8487, 92.3590,
99.3525

Harmonies

Analogous

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



33.8860, 24.7692, 61.9500



38.2568, 24.7692, 37.4149



38.2104, 24.7692, 18.3953

Triad

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



38.2568, 24.7692, 37.4149



20.3191, 24.7692, 4.7875



15.6219, 24.7692, 62.4091

Complementary

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



38.2568, 24.7692, 37.4149



33.5961, 52.4347, 34.7384

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.



13.2100, 24.7692, 37.8636



38.2568, 24.7692, 37.4149



15.5521, 24.7692, 8.5010

Square

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



38.2568, 24.7692, 37.4149



26.9522, 24.7692, 4.7571



13.1871, 24.7692, 18.6751



20.4330, 24.7692, 80.3927

Rectangle

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



38.2568, 24.7692, 37.4149



35.6417, 24.7692, 10.8262



13.1871, 24.7692, 18.6751



14.5475, 24.7692, 54.2475

Sweetspot

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



38.2575, 24.7704, 37.4154



79.9424, 74.2707, 90.0345



27.4533, 18.5622, 65.7546



16.7747, 15.3318, 18.8283



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.



38.2575, 24.7704, 37.4154



52.6615, 30.6081, 47.3399



34.0993, 23.1071, 15.5184



12.7214, 12.5401, 14.4732



19.0062, 9.5388, 12.6026



1.1873, 0.5917, 0.9757

Inverse Universe

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



38.2575, 24.7704, 37.4154



52.6615, 30.6081, 47.3399



39.4508, 54.7766, 65.5687



12.7214, 12.5401, 14.4732



19.0062, 9.5388, 12.6026



1.1873, 0.5917, 0.9757

Previews

White Background



This preview shows how the XYZ color 38.2568, 24.7692, 37.4149 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 38.2568, 24.7692, 37.4149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

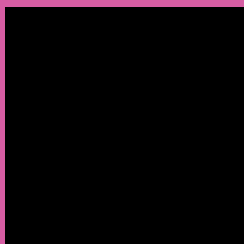
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.2568, 24.7692, 37.4149

Background



This preview shows how black text looks on a background with the XYZ color 38.2568, 24.7692, 37.4149.



This preview shows how white text looks on a background with the XYZ color 38.2568, 24.7692,

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

38.2568, 24.7692, 37.4149

Protanopia

25.8974, 25.1001, 53.9319

Deuteranopia

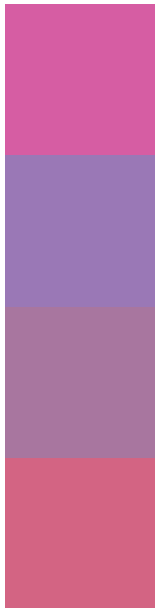
25.4578, 24.8721, 35.3573



Tritanopia

34.1694, 24.6258, 18.2816

Trichromacy



Original Color

38.2568, 24.7692, 37.4149

Protanomaly

28.4864, 23.6804, 47.3253

Deuteranomaly

28.8849, 23.7849, 35.8694

Tritanomaly

35.5179, 24.6019, 24.3494

Monochromacy



Original Color

38.2568, 24.7692, 37.4149

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

27.5427, 23.7494, 30.3266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2568, 24.7692, 37.4149 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(214, 93, 163)` looks like.

```
.text, #text, p{  
    color:rgb(214, 93, 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(214, 93, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 93, 163) }
```

Border

The CSS property to change the border of an element to XYZ 38.2568, 24.7692, 37.4149 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(214, 93, 163) }
```


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

```
.border{ border-color:rgb(214, 93, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 93, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 93, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 93, 163);  
box-shadow:4px 4px 4px 4px rgb(214, 93,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2568, 24.7692, 37.4149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 93, 163) }
```

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

```
.background{ background-color: rgb(214, 93,  
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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