

Converting Colors

XYZ(35.9743, 22.4672, 38.0379)

Have a look what the booklet for
XYZ(35.9743, 22.4672, 38.0379)
contains.

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Color

**XYZ(35.9743, 22.4672,
38.0379)**

Conversions

Conversions Part 1

Format	Color
Hex	D054A5
RGB	208, 84, 165
RGB Percent	82%, 33%, 65%
CMY	0.1843, 0.6706, 0.3529
CMYK	0.00, 0.60, 0.21, 0.18
HSL	321°, 57%, 57%
HSV	321°, 60%, 82%
XYZ	35.9743, 22.4672, 38.0379
YIQ	130.3100, 47.9030, 51.4790

Conversions

Conversions Part 2

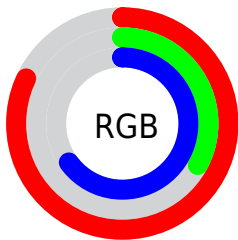
Format	Color
R _{YB}	208, 84, 165
Decimal	13653157
CIE _{Lab}	54.52, 57.72, -19.27
CIE _{LCh}	55, 60.848, 341.534
Y _{xy}	22.4672, 0.3729, 0.2329
Android (android.graphics.Color)	4291843237 (0xFFD054A5)
Y _{UV}	130.3100, 17.1022, 68.1341
Hunter-Lab	47.3996, 52.5248, -14.4002

Details

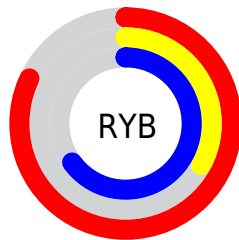
The XYZ color **35.9743, 22.4672, 38.0379** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **30.0440, 48.5296, 27.8646**, and the grayscale version is **21.2582, 22.3653, 24.3558**.

A 20% lighter version of the original color is **63.3909, 44.8925, 73.0342**, and **15.8265, 8.2126, 16.3738** is the 20% darker color. If you saturate the color by 10%, you get **33.9548, 19.4492, 34.2163**, and if you desaturate by 10%, it is **38.5114, 26.4606, 42.2151**.

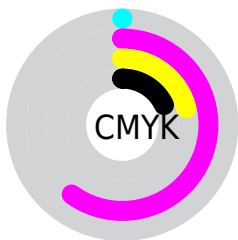
Distribution



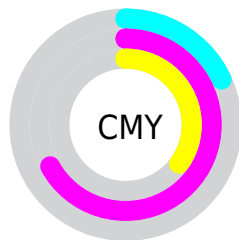
- Red (82%)
- Green (33%)
- Blue (65%)



- Red (82%)
- Yellow (33%)
- Blue (65%)



- Cyan (0%)
- Magenta (60%)
- Yellow (21%)
- Black (18%)




- Cyan (18%)
- Magenta (67%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9743, 22.4672, 38.0379 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 35.9743, 22.4672, 38.0379 by changing the saturation by 10% instead.

 35.9743, 22.4672,
38.0379


 35.9743, 22.4672,
38.0379


320.2814,
264.9765, 353.0856

 24.5844, 14.2006,
25.7100


 68.3165, 47.5170,
73.3703


 15.8947, 8.2603,
16.3830


 89.9995, 65.0689,
97.2119

 9.5401, 4.2620,
9.6383


 115.8443, 86.4848,
125.7285

 5.1550, 1.8212,
5.0574

 146.2161,
112.1490, 159.3387

 2.3742, 0.5003,
2.2216

181.4804,
142.4458, 198.4609

 0.8322, 0.0000,
0.6868

222.0024,

 0.0000, 0.0000,

177.7598, 243.5138

0.0000

268.1477,
218.4752, 294.9158

■ 35.9743, 22.4672,
38.0379

■ 35.9743, 22.4672,
38.0379

■ 33.9548, 19.4492,
34.2163

■ 38.5114, 26.4606,
42.2151

■ 32.4064, 17.3154,
30.7313

■ 41.6032, 31.5033,
46.7627

■ 31.2773, 15.9630,
27.5628

■ 45.2855, 37.6659,
51.6956

■ 30.4757, 15.2092,
24.6770

■ 49.5904, 45.0118,
57.0273

■ 30.4471, 15.1838,
24.5693

■ 54.5478, 53.5996,
62.7704

■ 60.1854, 63.4842,
68.9370

■ 66.5294, 74.7169,
75.5383

■ 73.6046, 87.3465,
82.5851

■ 76.0443, 90.6386,
88.2911

Harmonies

Analogous

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



31.0364, 22.4672, 63.5421



35.9743, 22.4672, 38.0379



36.5455, 22.4672, 17.8296

Triad

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



35.9743, 22.4672, 38.0379



18.8915, 22.4672, 3.2383



13.1212, 22.4672, 57.7910

Complementary

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



35.9743, 22.4672, 38.0379



30.0440, 48.5296, 27.8646

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.



11.0924, 22.4672, 32.5660



35.9743, 22.4672, 38.0379



13.9298, 22.4672, 5.9832

Square

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



35.9743, 22.4672, 38.0379



25.6795, 22.4672, 3.5461



11.3538, 22.4672, 14.5762



17.5445, 22.4672, 78.4533

Rectangle

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



35.9743, 22.4672, 38.0379



34.2561, 22.4672, 9.8432



11.3538, 22.4672, 14.5762



12.1827, 22.4672, 49.1382

Sweetspot

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



35.9750, 22.4683, 38.0383



79.6572, 73.1469, 91.6455



23.0630, 15.2813, 61.4088



16.5882, 14.8623, 19.0632



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.



35.9750, 22.4683, 38.0383



52.9590, 29.5936, 52.4012



31.7164, 20.7649, 15.6129



12.1294, 11.9365, 13.9572



19.0233, 9.4822, 15.5609



1.1003, 0.5448, 1.0630

Inverse Universe

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



35.9750, 22.4683, 38.0383



52.9590, 29.5936, 52.4012



35.2183, 50.5993, 55.1123



12.1294, 11.9365, 13.9572



19.0233, 9.4822, 15.5609



1.1003, 0.5448, 1.0630

Previews

White Background



This preview shows how the XYZ color 35.9743, 22.4672, 38.0379 looks on a white background.

Color Contrast Check

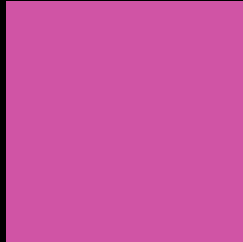
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9743, 22.4672, 38.0379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

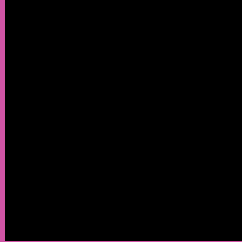
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.9743, 22.4672, 38.0379

Background



This preview shows how black text looks on a background with the XYZ color 35.9743, 22.4672, 38.0379.



This preview shows how white text looks on a background with the XYZ color 35.9743, 22.4672,

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

35.9743, 22.4672, 38.0379

Protanopia

24.1029, 22.8882, 57.1803

Deuteranopia

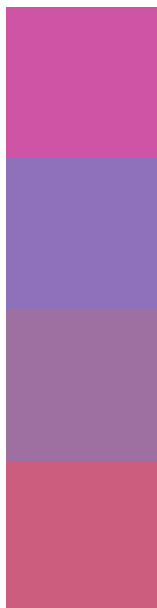
23.0966, 22.6528, 35.5029



Tritanopia

31.2746, 22.3118, 16.0229

Trichromacy



Original Color

35.9743, 22.4672, 38.0379

Protanomaly

26.2025, 21.2378, 49.7320

Deuteranomaly

26.3277, 21.4307, 36.4671

Tritanomaly

32.6470, 22.1984, 22.6427

Monochromacy



Original Color

35.9743, 22.4672, 38.0379

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

24.9636, 21.0625, 28.7363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9743, 22.4672, 38.0379 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(208, 84, 165)` looks like.

```
.text, #text, p{  
    color:rgb(208, 84, 165)  
}
```

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(208, 84, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 84, 165) }
```

Border

The CSS property to change the border of an element to XYZ 35.9743, 22.4672, 38.0379 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(208, 84, 165) }
```


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

```
.border{ border-color:rgb(208, 84, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 84, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 84, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 84, 165);  
box-shadow:4px 4px 4px 4px rgb(208, 84,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9743, 22.4672, 38.0379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 84, 165) }
```

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

```
.background{ background-color: rgb(208, 84,  
165) }
```

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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