

Converting Colors

XYZ(37.4440, 22.3416, 31.9691)

Have a look what the booklet for
XYZ(37.4440, 22.3416, 31.9691)
contains.

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Color

**XYZ(37.3970, 22.3592,
32.0505)**

Conversions

Conversions Part 1

Format	Color
Hex	DB4B98
RGB	219, 75, 152
RGB Percent	86%, 29%, 60%
CMY	0.1412, 0.7059, 0.4039
CMYK	0.00, 0.66, 0.31, 0.14
HSL	328°, 67%, 58%
HSV	328°, 66%, 86%
XYZ	37.3970, 22.3592, 32.0505
YIQ	126.8340, 61.1070, 54.4750

Conversions

Conversions Part 2

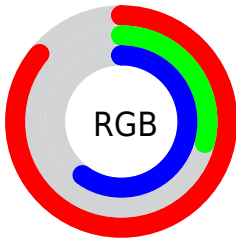
Format	Color
R_{YB}	219, 75, 152
Decimal	14371736
CIE _{Lab}	54.41, 62.91, -11.65
CIE _{LCh}	54, 63.979, 349.507
Yxy	22.3592, 0.4073, 0.2435
Android (android.graphics.Color)	4292561816 (0xFFDB4B98)
YUV	126.8340, 12.4068, 80.8296
Hunter-Lab	47.2855, 58.4218, -7.0874

Details

The XYZ color **37.3970, 22.3592, 32.0505** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **33.1169, 54.1126, 34.2936**, and the grayscale version is **20.0611, 21.1058, 22.9843**.

A 20% lighter version of the original color is **60.6318, 42.2188, 63.3459**, and **16.8462, 8.4132, 13.0479** is the 20% darker color. If you saturate the color by 10%, you get **35.3598, 19.5635, 27.4291**, and if you desaturate by 10%, it is **40.0183, 26.2079, 37.2208**.

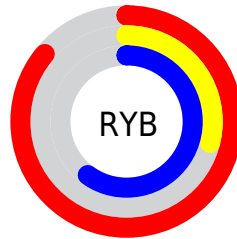
Distribution



Red (86%)

Green (29%)

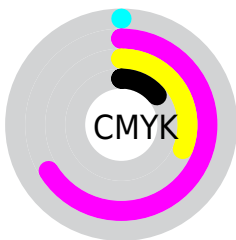
Blue (60%)



Red (86%)

Yellow (29%)

Blue (60%)

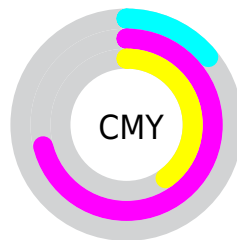


Cyan (0%)

Magenta (66%)

Yellow (31%)

Black (14%)



Cyan (14%)


Magenta (71%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3970, 22.3592, 32.0505 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 37.3970, 22.3592, 32.0505 by changing the saturation by 10% instead.

 37.3970, 22.3592,
32.0505


 37.3970, 22.3592,
32.0505


326.3519,
264.4164, 325.8490


 25.6901, 14.1211,
21.1349


 70.4928, 47.3390,
63.9891

 16.7234, 8.2049,
13.0305


 92.6125, 64.8494,
85.8492


 10.1316, 4.2264,
7.3186


 118.9337, 86.2194,
112.1945

 5.5492, 1.8010,
3.5807

 149.8220,
111.8333, 143.4437

 2.6110, 0.4878,
1.3982

 185.6426,
142.0756, 180.0152

 0.9516, 0.0000,
0.1403

226.7608,

 0.0000, 0.0000,

177.3306, 222.3275

0.0000

273.5422,
217.9827, 270.7993

■ 37.3970, 22.3592,
32.0505

■ 37.3970, 22.3592,
32.0505

■ 35.3598, 19.5635,
27.4291

■ 40.0183, 26.2079,
37.2208

■ 33.8479, 17.7065,
23.3275

■ 43.2705, 31.2013,
42.9636

■ 32.7922, 16.6532,
19.7139

■ 47.1980, 37.4249,
49.3020

■ 32.4302, 16.3468,
18.3062

■ 51.8402, 44.9551,
56.2573

■ 57.2334, 53.8621,
63.8492

■ 63.4114, 64.2108,
72.0966

■ 70.4058, 76.0623,
81.0171

■ 78.2464, 89.4738,
90.6280

■ 81.2588, 93.0942,
99.0446

Harmonies

Analogous

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



33.1998, 22.3592, 58.8730



37.3970, 22.3592, 32.0505



36.6058, 22.3592, 13.6210

Triad

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



37.3970, 22.3592, 32.0505



17.0721, 22.3592, 3.1019



13.6640, 22.3592, 66.9206

Complementary

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



37.3970, 22.3592, 32.0505



33.1169, 54.1126, 34.2936

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.



10.9331, 22.3592, 39.5940



37.3970, 22.3592, 32.0505



12.5813, 22.3592, 6.9279

Square

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



37.3970, 22.3592, 32.0505



23.7949, 22.3592, 2.7221



10.5859, 22.3592, 17.9861



18.8966, 22.3592, 85.1999

Rectangle

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



37.3970, 22.3592, 32.0505



33.4005, 22.3592, 7.1499



10.5859, 22.3592, 17.9861



12.4767, 22.3592, 57.9627

Sweetspot

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



37.3977, 22.3604, 32.0509



77.2948, 70.2305, 85.2831



26.0851, 15.7062, 68.6748



16.0879, 14.2796, 17.6085



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.



37.3977, 22.3604, 32.0509



48.9948, 26.4392, 36.3619



33.2610, 20.7057, 10.2677



13.3456, 13.1673, 15.0813



19.2854, 9.7152, 11.1491



1.2928, 0.6468, 0.9507

Inverse Universe

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



37.3977, 22.3604, 32.0509



48.9948, 26.4392, 36.3619



40.0924, 56.9028, 71.0258



13.3456, 13.1673, 15.0813



19.2854, 9.7152, 11.1491



1.2928, 0.6468, 0.9507

Previews

White Background



This preview shows how the XYZ color 37.3970, 22.3592, 32.0505 looks on a white background.

Color Contrast Check

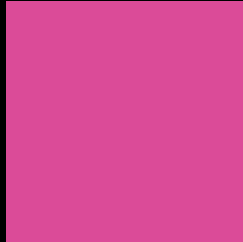
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.3970, 22.3592, 32.0505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

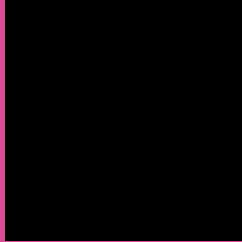
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.3970, 22.3592, 32.0505

Background



This preview shows how black text looks on a background with the XYZ color 37.3970, 22.3592, 32.0505.



This preview shows how white text looks on a background with the XYZ color 37.3970, 22.3592,

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

37.3970, 22.3592, 32.0505

Protanopia

23.7001, 22.7977, 51.8665

Deuteranopia

22.9399, 22.5107, 29.5215



Tritanopia

33.3695, 22.2671, 13.3657

Trichromacy



Original Color

37.3970, 22.3592, 32.0505

Protanomaly

25.8828, 20.5559, 43.6778

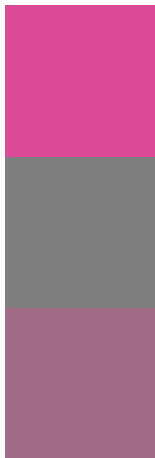
Deuteranomaly

26.5654, 21.0472, 30.2661

Tritanomaly

34.6416, 22.2005, 18.9823

Monochromacy



Original Color

37.3970, 22.3592, 32.0505

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

24.3037, 19.9763, 25.8674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3970, 22.3592, 32.0505 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(219, 75, 152)` looks like.

```
.text, #text, p{  
    color:rgb(219, 75, 152)  
}
```

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(219, 75, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 75, 152) }
```

Border

The CSS property to change the border of an element to XYZ 37.3970, 22.3592, 32.0505 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(219, 75, 152) }
```


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

```
.border{ border-color:rgb(219, 75, 152) }
```

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

Here you see how a box with a 4 pixel rgb(219, 75, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 75, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 75, 152);  
box-shadow:4px 4px 4px 4px rgb(219, 75,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3970, 22.3592, 32.0505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 75, 152) }
```

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

```
.background{ background-color: rgb(219, 75,  
152) }
```

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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