

Converting Colors

XYZ(52.2378, 40.9583, 70.7221)

Have a look what the booklet for
XYZ(52.2378, 40.9583, 70.7221)
contains.

XYZ(52.1715, 40.9373, 70.7976)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.1715, 40.9373,
70.7976)**

Conversions

Conversions Part 1

Format	Color
Hex	DB93D9
RGB	219, 147, 217
RGB Percent	86%, 58%, 85%
CMY	0.1412, 0.4235, 0.1490
CMYK	0.00, 0.33, 0.01, 0.14
HSL	302°, 50%, 72%
HSV	302°, 33%, 86%
XYZ	52.1715, 40.9373, 70.7976
YIQ	176.5080, 20.4420, 37.0340

Conversions

Conversions Part 2

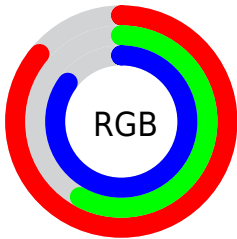
Format	Color
R_{YB}	219, 147, 217
Decimal	14390233
CIE _{Lab}	70.13, 38.13, -24.76
CIE _{LCh}	70, 45.465, 326.998
Yxy	40.9373, 0.3183, 0.2498
Android (android.graphics.Color)	4292580313 (0xFFDB93D9)
YUV	176.5080, 19.9626, 37.2655
Hunter-Lab	63.9823, 33.5810, -20.8179

Details

The XYZ color **52.1715, 40.9373, 70.7976** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.7906, 59.0373, 37.5761**, and the grayscale version is **41.4247, 43.5820, 47.4608**.

A 20% lighter version of the original color is **80.4105, 70.7211, 104.0202**, and **25.7181, 18.5796, 36.4131** is the 20% darker color. If you saturate the color by 10%, you get **49.0062, 34.7323, 69.3531**, and if you desaturate by 10%, it is **55.9880, 48.4425, 72.4614**.

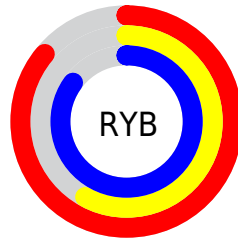
Distribution



Red (86%)

Green (58%)

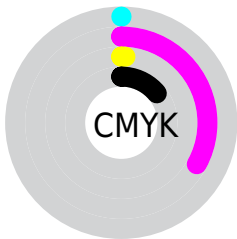
Blue (85%)



Red (86%)

Yellow (58%)

Blue (85%)

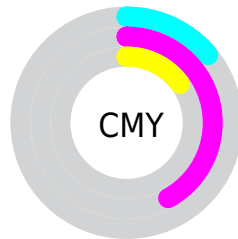


Cyan (0%)

Magenta (33%)

Yellow (1%)

Black (14%)



Cyan (14%)

Magenta (42%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1715, 40.9373, 70.7976 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 52.1715, 40.9373, 70.7976 by changing the saturation by 10% instead.

52.1715, 40.9373,
70.7976

52.1715, 40.9373,
70.7976

385.4114,
350.0585, 482.2102

37.3666, 28.2701,
51.6962

92.5568, 76.5887,
122.0372

25.6664, 18.5294,
36.3824

118.8680,
100.3417, 155.0126

16.7056, 11.3307,
24.4377

149.7453,
128.5587, 193.4497

10.1188, 6.2897,
15.4434

185.5541,
161.6242, 237.7671

5.5407, 3.0220,
8.9811

226.6598,
199.9225, 288.3833

2.6058, 1.1433,
4.6322

273.4277,

0.9489, 0.0146,

243.8381, 345.7168

1.9782

326.2231,
293.7553, 410.1863

■ 0.0000, 0.0000,
0.5418

■ 0.0000, 0.0000,
0.0000

■ 52.1715, 40.9373,
70.7976

■ 52.1715, 40.9373,
70.7976

■ 49.0062, 34.7323,
69.3531

■ 55.9880, 48.4425,
72.4614

■ 46.4512, 29.7483,
68.1131

■ 60.4856, 57.3104,
74.3533

■ 44.4672, 25.9058,
67.0649

■ 65.6974, 67.6061,
76.4847

■ 43.0088, 23.1140,
66.1933

■ 71.6528, 79.3888,
78.8654

42.0235, 21.2679,
65.4808

77.8978, 91.7499,
81.3440

41.4480, 20.2411,
64.9064

77.9786, 91.7822,
81.7694

41.2134, 19.8601,
64.5564

78.0596, 91.8146,
82.1963

78.1410, 91.8471,
82.6248

78.2227, 91.8798,
83.0548

Harmonies

Analogous

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



45.7664, 40.9373, 91.9079



52.1715, 40.9373, 70.7976



55.0020, 40.9373, 46.7526

Triad

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



52.1715, 40.9373, 70.7976



39.6632, 40.9373, 14.9160



27.5118, 40.9373, 65.8611

Complementary

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



52.1715, 40.9373, 70.7976



42.7906, 59.0373, 37.5761

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.



26.3090, 40.9373, 42.4637



52.1715, 40.9373, 70.7976



32.7745, 40.9373, 17.1417

Square

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



52.1715, 40.9373, 70.7976



47.2266, 40.9373, 18.3008



28.1103, 40.9373, 25.7868



31.6314, 40.9373, 88.4777

Rectangle

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



52.1715, 40.9373, 70.7976



54.2437, 40.9373, 33.6449



28.1103, 40.9373, 25.7868



26.7777, 40.9373, 57.6448

Sweetspot

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



52.1728, 40.9391, 70.7985



87.3340, 84.7502, 105.7663



35.4707, 32.2986, 71.3834



18.4790, 17.7173, 22.5501



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.



52.1728, 40.9391, 70.7985



70.6614, 51.9295, 98.5915



48.0715, 39.2986, 49.2012



13.5979, 13.2683, 16.4100



24.4444, 11.7788, 38.3160



1.5887, 0.7651, 2.5089

Inverse Universe

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



52.1728, 40.9391, 70.7985



70.6614, 51.9295, 98.5915



46.0384, 60.3364, 54.6787



13.5979, 13.2683, 16.4100



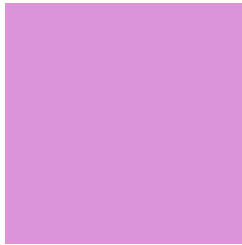
24.4444, 11.7788, 38.3160



1.5887, 0.7651, 2.5089

Previews

White Background



This preview shows how the XYZ color 52.1715, 40.9373, 70.7976 looks on a white background.

Color Contrast Check

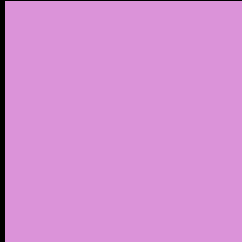
Large Text (above 18pt) WCAG AA × Fail

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 52.1715, 40.9373, 70.7976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

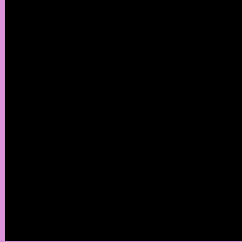
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1715, 40.9373, 70.7976

Background



This preview shows how black text looks on a background with the XYZ color 52.1715, 40.9373, 70.7976.



This preview shows how white text looks on a background with the XYZ color 52.1715, 40.9373,

70.7976.

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

52.1715, 40.9373, 70.7976

Protanopia

42.3629, 41.4623, 83.6122

Deuteranopia

41.9492, 41.0248, 68.6584



Tritanopia

46.6590, 41.1246, 43.0148

Trichromacy



Original Color

52.1715, 40.9373, 70.7976



Protanomaly

45.0554, 40.7892, 78.8972



Deuteranomaly

44.9581, 40.4358, 69.0537



Tritanomaly

48.2785, 40.7747, 51.7801

Monochromacy



Original Color

52.1715, 40.9373, 70.7976



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

44.8889, 42.2847, 55.6650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1715, 40.9373, 70.7976 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, 147, 217)` looks like.

```
.text, #text, p{  
    color:rgb(219, 147, 217)  
}
```

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, 147, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 147, 217) }
```

Border

The CSS property to change the border of an element to XYZ 52.1715, 40.9373, 70.7976 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, 147, 217) }
```


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

```
.border{ border-color:rgb(219, 147, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 147, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 147, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 147, 217);  
box-shadow:4px 4px 4px 4px rgb(219, 147,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1715, 40.9373, 70.7976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 147, 217) }
```

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

```
.background{ background-color: rgb(219,  
147, 217) }
```

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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