

Converting Colors

XYZ(52.1029, 41.8919, 53.1231)

Have a look what the booklet for
XYZ(52.1029, 41.8919, 53.1231)
contains.

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Color

**XYZ(51.9784, 41.9375,
52.9321)**

Conversions

Conversions Part 1

Format	Color
Hex	E496BC
RGB	228, 150, 188
RGB Percent	89%, 59%, 74%
CMY	0.1059, 0.4117, 0.2627
CMYK	0.00, 0.34, 0.18, 0.11
HSL	331°, 59%, 74%
HSV	331°, 34%, 89%
XYZ	51.9784, 41.9375, 52.9321
YIQ	177.6540, 34.2900, 28.3540

Conversions

Conversions Part 2

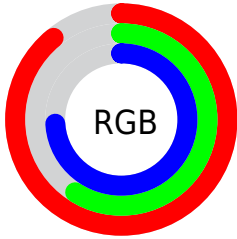
Format	Color
R _Y B	228, 150, 188
Decimal	14980796
CIE Lab	70.83, 34.62, -7.56
CIE LCh	71, 35.439, 347.689
Yxy	41.9375, 0.3540, 0.2856
Android (android.graphics.Color)	4293170876 (0xFFE496BC)
YUV	177.6540, 5.1006, 44.1534
Hunter-Lab	64.7592, 29.9430, -3.1304

Details

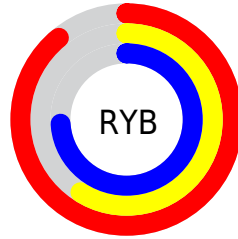
The XYZ color **51.9784, 41.9375, 52.9321** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **49.6172, 65.6898, 58.7827**, and the grayscale version is **42.0965, 44.2888, 48.2305**.

A 20% lighter version of the original color is **79.4005, 71.4543, 95.1952**, and **25.5354, 19.1426, 25.2707** is the 20% darker color. If you saturate the color by 10%, you get **47.4781, 34.8728, 45.4629**, and if you desaturate by 10%, it is **57.2911, 50.4626, 61.1769**.

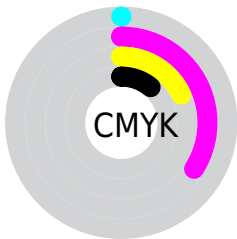
Distribution



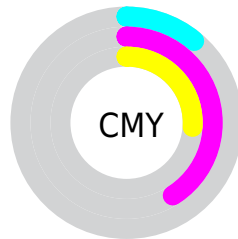
- Red (89%)
- Green (59%)
- Blue (74%)



- Red (89%)
- Yellow (59%)
- Blue (74%)



- Cyan (0%)
- Magenta (34%)
- Yellow (18%)
- Black (11%)





- Cyan (11%)
- Magenta (41%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9784, 41.9375, 52.9321 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 51.9784, 41.9375, 52.9321 by changing the saturation by 10% instead.

 51.9784, 41.9375,
52.9321


 51.9784, 41.9375,
52.9321


384.6785,
354.2238, 415.0835

 37.2121, 29.0524,
37.3612


 92.2738, 78.1050,
95.9450

 25.5461, 19.1204,
25.1893


 118.5336,
102.1562, 124.2241

 16.6153, 11.7573,
15.9979


149.3552,
130.6982, 157.5763

 10.0542, 6.5787,
9.3683

185.1040,
164.1153, 196.4202

 5.4975, 3.2000,
4.8821

226.1454,
202.7921, 241.1743

 2.5797, 1.2370,
2.1207

272.8447,

 0.9356, 0.0916,

247.1128, 292.2572

0.6281

325.5673,
297.4619, 350.0874

■ 0.0000, 0.0000,
0.0000

■ 51.9784, 41.9375,
52.9321

■ 51.9784, 41.9375,
52.9321

■ 47.4781, 34.8728,
45.4629

■ 57.2911, 50.4626,
61.1769

■ 43.7429, 29.1792,
38.7404

■ 63.4528, 60.5189,
70.2197

■ 40.7261, 24.7667,
32.7371

■ 70.5020, 72.1797,
80.0848

■ 38.3739, 21.5320,
27.4222

■ 78.4741, 85.5117,
90.7949

■ 36.6244, 19.3555,
22.7617

■ 84.4614, 94.6966,
101.3910

■ 35.4024, 18.0915,
18.7166

■ 85.8052, 95.2341,
108.4674

■ 34.8683, 17.6434,
16.6270

Harmonies

Analogous

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



48.8341, 41.9375, 71.1562



51.9784, 41.9375, 52.9321



51.6508, 41.9375, 36.5009

Triad

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



51.9784, 41.9375, 52.9321



36.5177, 41.9375, 21.2111



32.7135, 41.9375, 74.0877

Complementary

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



51.9784, 41.9375, 52.9321



49.6172, 65.6898, 58.7827

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.



30.0163, 41.9375, 56.2424



51.9784, 41.9375, 52.9321



32.0593, 41.9375, 27.1269

Square

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



51.9784, 41.9375, 52.9321



42.3237, 41.9375, 20.7422



29.7893, 41.9375, 39.0915



37.4944, 41.9375, 85.2394

Rectangle

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



51.9784, 41.9375, 52.9321



49.5092, 41.9375, 28.5673



29.7893, 41.9375, 39.0915



31.5544, 41.9375, 68.4973

Sweetspot

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



51.9796, 41.9394, 52.9330



85.4132, 83.9819, 95.6516



45.8980, 38.2352, 78.3605



18.0125, 17.5307, 20.0936



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.



51.9796, 41.9394, 52.9330



62.8059, 47.4516, 61.3427



48.4079, 40.5108, 34.1245



14.6681, 14.4844, 16.4526



20.1935, 10.2116, 9.9142



1.5390, 0.7733, 0.9791

Inverse Universe

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



51.9796, 41.9394, 52.9330



62.8059, 47.4516, 61.3427



54.3261, 67.5734, 83.5791



14.6681, 14.4844, 16.4526



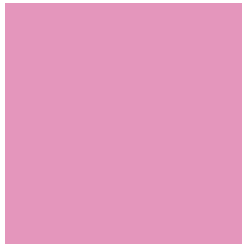
20.1935, 10.2116, 9.9142



1.5390, 0.7733, 0.9791

Previews

White Background



This preview shows how the XYZ color 51.9784, 41.9375, 52.9321 looks on a white background.

Color Contrast Check

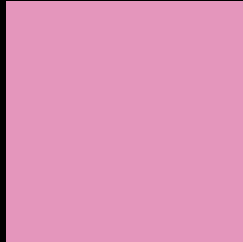
Large Text (above 18pt) WCAG AA × Fail

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 51.9784, 41.9375, 52.9321 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 51.9784, 41.9375, 52.9321

Background



This preview shows how black text looks on a background with the XYZ color 51.9784, 41.9375, 52.9321.



This preview shows how white text looks on a background with the XYZ color 51.9784, 41.9375,

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

51.9784, 41.9375, 52.9321

Protanopia

41.5616, 42.0941, 61.8116

Deuteranopia

43.1946, 42.3178, 51.7905



Tritanopia

49.4899, 41.8719, 41.5501

Trichromacy



Original Color

51.9784, 41.9375, 52.9321

Protanomaly

44.5887, 41.5293, 58.4892

Deuteranomaly

45.8707, 41.8033, 52.1056

Tritanomaly

50.3952, 42.0072, 45.4965

Monochromacy



Original Color

51.9784, 41.9375, 52.9321

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.2111, 43.1184, 50.1958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9784, 41.9375, 52.9321 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(228, 150, 188)` looks like.

```
.text, #text, p{  
    color:rgb(228, 150, 188)  
}
```

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(228, 150, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 150, 188) }
```

Border

The CSS property to change the border of an element to XYZ 51.9784, 41.9375, 52.9321 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(228, 150, 188) }
```


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

```
.border{ border-color:rgb(228, 150, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 150, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 150, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 150, 188);  
box-shadow:4px 4px 4px 4px rgb(228, 150,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9784, 41.9375, 52.9321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 150, 188) }
```

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

```
.background{ background-color: rgb(228,  
150, 188) }
```

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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