

Converting Colors

XYZ(52.3289, 42.7458, 51.0755)

Have a look what the booklet for
XYZ(52.3289, 42.7458, 51.0755)
contains.

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Color

**XYZ(52.1931, 42.5752,
50.8144)**

Conversions

Conversions Part 1

Format	Color
Hex	E598B8
RGB	229, 152, 184
RGB Percent	90%, 60%, 72%
CMY	0.1020, 0.4039, 0.2784
CMYK	0.00, 0.34, 0.20, 0.10
HSL	335°, 60%, 75%
HSV	335°, 34%, 90%
XYZ	52.1931, 42.5752, 50.8144
YIQ	178.6710, 35.6200, 26.2760

Conversions

Conversions Part 2

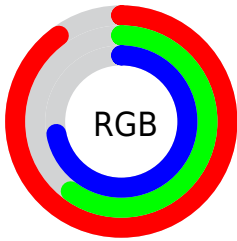
Format	Color
R _Y B	229, 152, 184
Decimal	15046840
CIE Lab	71.27, 33.30, -4.68
CIE LCh	71, 33.626, 352.008
Yxy	42.5752, 0.3585, 0.2924
Android (android.graphics.Color)	4293236920 (0xFFE598B8)
YUV	178.6710, 2.6272, 44.1385
Hunter-Lab	65.2497, 28.5949, -0.4984

Details

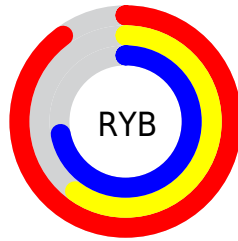
The XYZ color **52.1931, 42.5752, 50.8144** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.0481, 66.7464, 63.0193**, and the grayscale version is **42.6470, 44.8679, 48.8612**.

A 20% lighter version of the original color is **79.2810, 72.1769, 92.1911**, and **25.6672, 19.5237, 23.8884** is the 20% darker color. If you saturate the color by 10%, you get **47.4917, 35.3122, 42.6499**, and if you desaturate by 10%, it is **57.7472, 51.3303, 59.9190**.

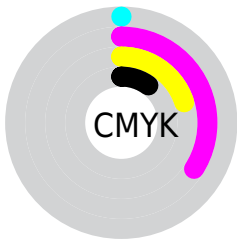
Distribution



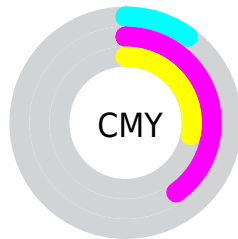
- Red (90%)
- Green (60%)
- Blue (72%)



- Red (90%)
- Yellow (60%)
- Blue (72%)



- Cyan (0%)
- Magenta (34%)
- Yellow (20%)
- Black (10%)





- Cyan (10%)
- Magenta (40%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1931, 42.5752, 50.8144 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 52.1931, 42.5752, 50.8144 by changing the saturation by 10% instead.


 52.1931, 42.5752,
50.8144


 52.1931, 42.5752,
50.8144


385.4934,
356.8619, 406.6682

 37.3839, 29.5520,
35.6852


 92.5885, 79.0694,
92.7891

 25.6799, 19.4988,
23.9034

 118.9054,
103.3092, 120.4716

 16.7158, 12.0312,
15.0505


149.7890,
132.0566, 153.1757

 10.1261, 6.7649,
8.7078

185.6045,
165.6960, 191.3199

 5.5455, 3.3155,
4.4569

226.7173,
204.6119, 235.3227

 2.6088, 1.2986,
1.8792

273.4928,

 0.9504, 0.1401,

249.1885, 285.6026

0.4794

326.2964,
299.8104, 342.5783

■ 0.0000, 0.0000,
0.0000

■ 52.1931, 42.5752,
50.8144

■ 52.1931, 42.5752,
50.8144

■ 47.4917, 35.3122,
42.6499

■ 57.7472, 51.3303,
59.9190

■ 43.5943, 29.4509,
35.3897

■ 64.1920, 61.6492,
69.9924

■ 40.4525, 24.9005,
28.9994

■ 71.5675, 73.6060,
81.0651

■ 38.0111, 21.5567,
23.4407

■ 79.9102, 87.2685,
93.1653

■ 36.2064, 19.2992,
18.6716

■ 85.4734, 95.1382,
105.0598

■ 34.9620, 17.9821,
14.6445

■ 86.1233, 95.3981,
108.4822

■ 34.3862, 17.4873,
12.4280

Harmonies

Analogous

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



49.6360, 42.5752, 68.2420



52.1931, 42.5752, 50.8144



51.3852, 42.5752, 35.6584

Triad

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



52.1931, 42.5752, 50.8144



36.5344, 42.5752, 23.0994



34.1469, 42.5752, 75.4194

Complementary

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



52.1931, 42.5752, 50.8144



51.0481, 66.7464, 63.0193

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.



31.2156, 42.5752, 59.0067



52.1931, 42.5752, 50.8144



32.5020, 42.5752, 29.7364

Square

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



52.1931, 42.5752, 50.8144



41.9942, 42.5752, 21.8875



30.6426, 42.5752, 42.1685



38.9762, 42.5752, 84.4507

Rectangle

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



52.1931, 42.5752, 50.8144



49.0780, 42.5752, 28.5128



30.6426, 42.5752, 42.1685



32.9262, 42.5752, 70.4235

Sweetspot

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



52.1943, 42.5772, 50.8153



85.1404, 83.8727, 94.2150



48.3770, 39.9750, 79.2954



17.9466, 17.5044, 19.7467



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.



52.1943, 42.5772, 50.8153



62.5253, 48.0001, 57.8285



50.2802, 43.5232, 35.4590



14.6241, 14.4668, 16.2211



19.7170, 10.0210, 7.4047



1.5024, 0.7587, 0.7861

Inverse Universe

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



52.1943, 42.5772, 50.8153



62.5253, 48.0001, 57.8285



53.3697, 64.8867, 83.8407



14.6241, 14.4668, 16.2211



19.7170, 10.0210, 7.4047



1.5024, 0.7587, 0.7861

Previews

White Background



This preview shows how the XYZ color 52.1931, 42.5752, 50.8144 looks on a white background.

Color Contrast Check

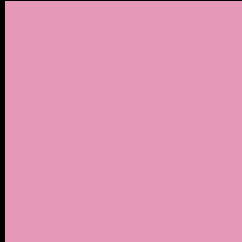
Large Text (above 18pt) WCAG AA × Fail

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 52.1931, 42.5752, 50.8144 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 52.1931, 42.5752, 50.8144

Background



This preview shows how black text looks on a background with the XYZ color 52.1931, 42.5752, 50.8144.



This preview shows how white text looks on a background with the XYZ color 52.1931, 42.5752,

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

52.1931, 42.5752, 50.8144

Protanopia

42.0087, 42.9612, 58.9016

Deuteranopia

43.7015, 42.9045, 49.6941



Tritanopia

50.3749, 42.5636, 42.1198

Trichromacy



Original Color

52.1931, 42.5752, 50.8144

Protanomaly

44.8889, 42.2847, 55.6650

Deuteranomaly

46.4425, 42.4092, 49.9940

Tritanomaly

51.0933, 42.6223, 45.0692

Monochromacy



Original Color

52.1931, 42.5752, 50.8144

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.5544, 43.5824, 49.7273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1931, 42.5752, 50.8144 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(229, 152, 184)` looks like.

```
.text, #text, p{  
    color:rgb(229, 152, 184)  
}
```

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(229, 152, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 152, 184) }
```

Border

The CSS property to change the border of an element to XYZ 52.1931, 42.5752, 50.8144 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(229, 152, 184) }
```


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

```
.border{ border-color:rgb(229, 152, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 152, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 152, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 152, 184); box-shadow:4px 4px 4px 4px rgb(229, 152, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1931, 42.5752, 50.8144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 152, 184) }
```

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

```
.background{ background-color: rgb(229,  
152, 184) }
```

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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