

Converting Colors

XYZ(52.2571, 40.1574, 49.0230)

Have a look what the booklet for
XYZ(52.2571, 40.1574, 49.0230)
contains.

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Color

**XYZ(52.2293, 40.0893,
49.2412)**

Conversions

Conversions Part 1

Format	Color
Hex	EB8DB6
RGB	235, 141, 182
RGB Percent	92%, 55%, 71%
CMY	0.0784, 0.4470, 0.2863
CMYK	0.00, 0.40, 0.23, 0.08
HSL	334°, 70%, 74%
HSV	334°, 40%, 92%
XYZ	52.2293, 40.0893, 49.2412
YIQ	173.7800, 42.8630, 32.6790

Conversions

Conversions Part 2

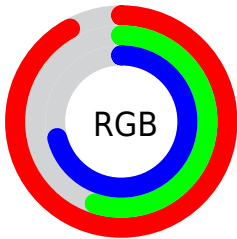
Format	Color
R _Y B	235, 141, 182
Decimal	15437238
CIE Lab	69.53, 40.86, -6.04
CIE LCh	70, 41.307, 351.585
Yxy	40.0893, 0.3690, 0.2832
Android (android.graphics.Color)	4293627318 (0xFFEB8DB6)
YUV	173.7800, 4.0525, 53.6899
Hunter-Lab	63.3161, 36.4410, -1.7888

Details

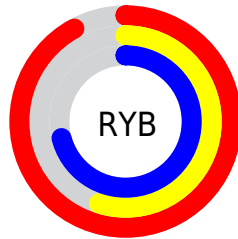
The XYZ color **52.2293, 40.0893, 49.2412** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **50.4322, 68.9755, 61.6977**, and the grayscale version is **40.0848, 42.1723, 45.9256**.

A 20% lighter version of the original color is **76.4125, 66.9129, 89.7770**, and **25.5836, 17.9115, 22.8777** is the 20% darker color. If you saturate the color by 10%, you get **47.8195, 33.3583, 41.3317**, and if you desaturate by 10%, it is **57.5061, 48.3462, 58.0799**.

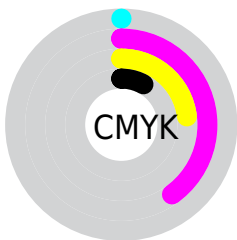
Distribution



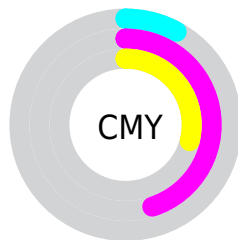
- Red (92%)
- Green (55%)
- Blue (71%)



- Red (92%)
- Yellow (55%)
- Blue (71%)



- Cyan (0%)
- Magenta (40%)
- Yellow (23%)
- Black (8%)





- Cyan (8%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2293, 40.0893, 49.2412 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 52.2293, 40.0893, 49.2412 by changing the saturation by 10% instead.


 52.2293, 40.0893,
49.2412


 52.2293, 40.0893,
49.2412


385.6306,
346.4998, 400.3408

 37.4129, 27.6082,
34.4439


 92.6415, 75.2995,
90.4343

 25.7025, 18.0305,
22.9547


 118.9681, 98.7973,
117.6671

 16.7327, 10.9719,
14.3551


149.8621,
126.7362, 149.8823

 10.1382, 6.0479,
8.2265

185.6888,
159.5005, 187.4982

 5.5537, 2.8743,
4.1504

226.8137,
197.4746, 230.9335

 2.6137, 1.0664,
1.7082

273.6020,

 0.9529, 0.0000,

241.0429, 280.6067

0.3663

326.4192,
290.5899, 336.9363

■ 0.0000, 0.0000,
0.0000

■ 52.2293, 40.0893,
49.2412

■ 52.2293, 40.0893,
49.2412

■ 47.8195, 33.3583,
41.3317

■ 57.5061, 48.3462,
58.0799

■ 44.2228, 28.0521,
34.3145

■ 63.6927, 58.2101,
67.8777

■ 41.3842, 24.0666,
28.1534

■ 70.8330, 69.7634,
78.6662

■ 39.2402, 21.2807,
22.8076

■ 78.9671, 83.0808,
90.4742

■ 37.7153, 19.5504,
18.2319

■ 87.0039, 95.9754,
102.9535

■ 36.6841, 18.6316,
14.3627

■ 88.0711, 96.4022,
108.5734

■ 36.6839, 18.6314,
14.3618

Harmonies

Analogous

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



49.0454, 40.0893, 70.6380



52.2293, 40.0893, 49.2412



51.2968, 40.0893, 31.4994

Triad

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



52.2293, 40.0893, 49.2412



33.5836, 40.0893, 17.6554



30.6869, 40.0893, 79.1587

Complementary

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



52.2293, 40.0893, 49.2412



50.4322, 68.9755, 61.6977

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.



27.3921, 40.0893, 58.5823



52.2293, 40.0893, 49.2412



28.9238, 40.0893, 24.5960

Square

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



52.2293, 40.0893, 49.2412



40.0088, 40.0893, 16.4911



26.7865, 40.0893, 38.4997



36.2600, 40.0893, 90.9175

Rectangle

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



52.2293, 40.0893, 49.2412



48.5085, 40.0893, 23.5507



26.7865, 40.0893, 38.4997



29.3045, 40.0893, 72.8023

Sweetspot

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



52.2305, 40.0912, 49.2420



83.3986, 80.9447, 91.9217



46.4379, 36.3482, 83.1659



17.6018, 16.9216, 19.3026



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.



52.2305, 40.0912, 49.2420



58.4341, 41.4702, 51.3701



49.3028, 40.0527, 30.3341



15.3383, 15.1632, 17.0668



20.4777, 10.3938, 8.3171



1.6555, 0.8352, 0.9034

Inverse Universe

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



52.2305, 40.0912, 49.2420



58.4341, 41.4702, 51.3701



54.3616, 68.4226, 88.9393



15.3383, 15.1632, 17.0668



20.4777, 10.3938, 8.3171



1.6555, 0.8352, 0.9034

Previews

White Background



This preview shows how the XYZ color 52.2293, 40.0893, 49.2412 looks on a white background.

Color Contrast Check

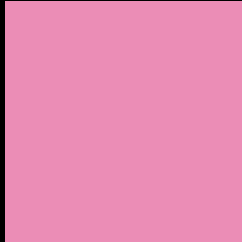
Large Text (above 18pt) WCAG AA × Fail

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 52.2293, 40.0893, 49.2412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

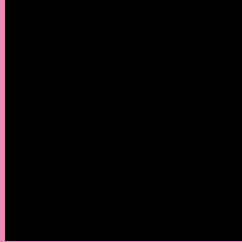
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2293, 40.0893, 49.2412

Background



This preview shows how black text looks on a background with the XYZ color 52.2293, 40.0893, 49.2412.



This preview shows how white text looks on a background with the XYZ color 52.2293, 40.0893,

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

52.2293, 40.0893, 49.2412

Protanopia

39.9231, 40.4386, 60.3448

Deuteranopia

41.0195, 40.1919, 47.7153



Tritanopia

49.6434, 40.1479, 37.0311

Trichromacy



Original Color

52.2293, 40.0893, 49.2412



Protanomaly

43.2590, 39.5937, 55.8144



Deuteranomaly

44.3823, 39.5882, 47.9499



Tritanomaly

50.4605, 40.0233, 41.1421

Monochromacy



Original Color

52.2293, 40.0893, 49.2412



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

43.6211, 40.7507, 47.1616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2293, 40.0893, 49.2412 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(235, 141, 182)` looks like.

```
.text, #text, p{  
    color:rgb(235, 141, 182)  
}
```

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(235, 141, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 141, 182) }
```

Border

The CSS property to change the border of an element to XYZ 52.2293, 40.0893, 49.2412 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(235, 141, 182) }
```


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

```
.border{ border-color:rgb(235, 141, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 141, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 141, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 141, 182);  
box-shadow:4px 4px 4px 4px rgb(235, 141,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2293, 40.0893, 49.2412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 141, 182) }
```

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

```
.background{ background-color: rgb(235,  
141, 182) }
```

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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