

Converting Colors

XYZ(52.6606, 41.3762, 50.9502)

Have a look what the booklet for
XYZ(52.6606, 41.3762, 50.9502)
contains.

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Color

**XYZ(52.6401, 41.3842,
51.1125)**

Conversions

Conversions Part 1

Format	Color
Hex	E992B9
RGB	233, 146, 185
RGB Percent	91%, 57%, 73%
CMY	0.0863, 0.4274, 0.2745
CMYK	0.00, 0.37, 0.21, 0.09
HSL	333°, 66%, 74%
HSV	333°, 37%, 91%
XYZ	52.6401, 41.3842, 51.1125
YIQ	176.4590, 39.3330, 30.5730

Conversions

Conversions Part 2

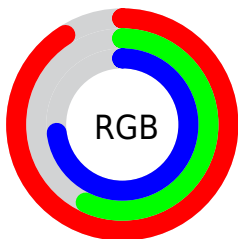
Format	Color
R _Y B	233, 146, 185
Decimal	15307449
CIE Lab	70.44, 38.01, -6.39
CIE LCh	70, 38.540, 350.449
Yxy	41.3842, 0.3627, 0.2851
Android (android.graphics.Color)	4293497529 (0xFFE992B9)
YUV	176.4590, 4.2107, 49.5865
Hunter-Lab	64.3306, 33.4837, -2.0762

Details

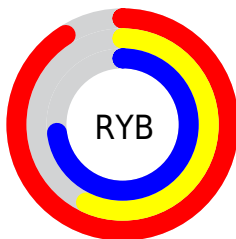
The XYZ color **52.6401, 41.3842, 51.1125** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **50.7324, 68.2849, 61.5486**, and the grayscale version is **41.4718, 43.6316, 47.5148**.

A 20% lighter version of the original color is **78.0038, 69.3842, 92.5003**, and **26.0721, 18.9015, 24.1040** is the 20% darker color. If you saturate the color by 10%, you get **48.1113, 34.4009, 43.2072**, and if you desaturate by 10%, it is **58.0259, 49.8843, 59.9099**.

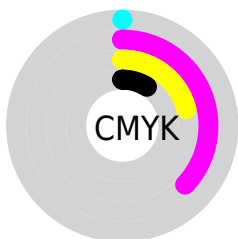
Distribution



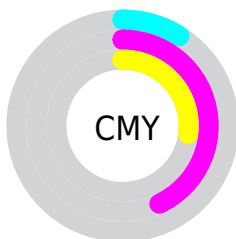
- Red (91%)
- Green (57%)
- Blue (73%)



- Red (91%)
- Yellow (57%)
- Blue (73%)



- Cyan (0%)
- Magenta (37%)
- Yellow (21%)
- Black (9%)





- Cyan (9%)
- Magenta (43%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6401, 41.3842, 51.1125 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 52.6401, 41.3842, 51.1125 by changing the saturation by 10% instead.

 52.6401, 41.3842,
51.1125

 52.6401, 41.3842,
51.1125

387.1863,
351.9238, 407.8597

 37.7419, 28.6194,
35.9208

 93.2432, 77.2668,
93.2342

 25.9587, 18.7931,
24.0838


 119.6788,
101.1534, 121.0014

 16.9253, 11.5209,
15.1830


150.6909,
129.5160, 153.7974

 10.2762, 6.4183,
8.7999

186.6449,
162.7391, 192.0408

 5.6461, 3.1011,
4.5159

227.9060,
201.2070, 236.1503

 2.6697, 1.1847,
1.9124

274.8397,

 0.9816, 0.0492,

245.3042, 286.5442

0.5006

327.8114,
295.4150, 343.6412

■ 0.0000, 0.0000,
0.0000

■ 52.6401, 41.3842,
51.1125

■ 52.6401, 41.3842,
51.1125

■ 48.1113, 34.4009,
43.2072

■ 58.0259, 49.8843,
59.9099

■ 44.3880, 28.8378,
36.1594

■ 64.3093, 59.9785,
69.6269

■ 41.4183, 24.5960,
29.9358

■ 71.5323, 71.7458,
80.2928

■ 39.1424, 21.5617,
24.4989

■ 79.7334, 85.2583,
91.9347

■ 37.4904, 19.6011,
19.8072

■ 86.5071, 95.7008,
103.7646

■ 36.3714, 18.5383,
15.8112

■ 87.4144, 96.0637,
108.5427

■ 36.1256, 18.3322,
14.8491

Harmonies

Analogous

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



49.5161, 41.3842, 71.1846



52.6401, 41.3842, 51.1125



51.9148, 41.3842, 33.9178

Triad

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



52.6401, 41.3842, 51.1125



35.2224, 41.3842, 19.6024



32.0632, 41.3842, 77.7442

Complementary

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



52.6401, 41.3842, 51.1125



50.7324, 68.2849, 61.5486

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.



28.9707, 41.3842, 58.4096



52.6401, 41.3842, 51.1125



30.6539, 41.3842, 26.2659

Square

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



52.6401, 41.3842, 51.1125



41.3945, 41.3842, 18.6323



28.4842, 41.3842, 39.5059



37.3439, 41.3842, 89.0684

Rectangle

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



52.6401, 41.3842, 51.1125



49.3727, 41.3842, 25.9739



28.4842, 41.3842, 39.5059



30.7583, 41.3842, 71.7559

Sweetspot

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



52.6413, 41.3862, 51.1133



84.3528, 82.4338, 93.5327



47.1983, 37.8927, 81.9175



17.7945, 17.2195, 19.6361



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.



52.6413, 41.3862, 51.1133



60.1344, 43.8812, 54.9877



49.7564, 41.3256, 32.5508



15.3461, 15.1663, 17.1079



20.5588, 10.4262, 8.7440



1.6622, 0.8378, 0.9385

Inverse Universe

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



52.6413, 41.3862, 51.1133



60.1344, 43.8812, 54.9877



54.4859, 67.8403, 87.3139



15.3461, 15.1663, 17.1079



20.5588, 10.4262, 8.7440



1.6622, 0.8378, 0.9385

Previews

White Background



This preview shows how the XYZ color 52.6401, 41.3842, 51.1125 looks on a white background.

Color Contrast Check

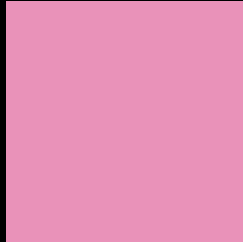
Large Text (above 18pt) WCAG AA × Fail

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 52.6401, 41.3842, 51.1125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

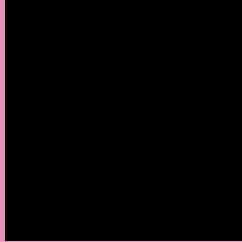
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6401, 41.3842, 51.1125

Background



This preview shows how black text looks on a background with the XYZ color 52.6401, 41.3842, 51.1125.



This preview shows how white text looks on a background with the XYZ color 52.6401, 41.3842,

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

52.6401, 41.3842, 51.1125

Protanopia

41.0419, 41.5584, 61.1168

Deuteranopia

42.5928, 41.7806, 49.5356



Tritanopia

50.0611, 41.2443, 39.5049

Trichromacy



Original Color

52.6401, 41.3842, 51.1125



Protanomaly

44.2565, 40.8572, 57.1834



Deuteranomaly

45.6429, 41.2155, 49.8057



Tritanomaly

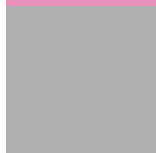
50.9581, 41.3861, 43.3327

Monochromacy



Original Color

52.6401, 41.3842, 51.1125



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

44.6178, 42.0353, 48.4098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6401, 41.3842, 51.1125 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(233, 146, 185)` looks like.

```
.text, #text, p{  
    color:rgb(233, 146, 185)  
}
```

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(233, 146, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 146, 185) }
```

Border

The CSS property to change the border of an element to XYZ 52.6401, 41.3842, 51.1125 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(233, 146, 185) }
```


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

```
.border{ border-color:rgb(233, 146, 185) }
```

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

Here you see how a box with a 4 pixel rgb(233, 146, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 146, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 146, 185);  
box-shadow:4px 4px 4px 4px rgb(233, 146,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6401, 41.3842, 51.1125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 146, 185) }
```

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

```
.background{ background-color: rgb(233,  
146, 185) }
```

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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