

Converting Colors

XYZ(53.0413, 43.5981, 52.5605)

Have a look what the booklet for
XYZ(53.0413, 43.5981, 52.5605)
contains.

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Color

**XYZ(53.0041, 43.6886,
52.6528)**

Conversions

Conversions Part 1

Format	Color
Hex	E59BBB
RGB	229, 155, 187
RGB Percent	90%, 61%, 73%
CMY	0.1020, 0.3921, 0.2667
CMYK	0.00, 0.32, 0.18, 0.10
HSL	334°, 59%, 75%
HSV	334°, 32%, 90%
XYZ	53.0041, 43.6886, 52.6528
YIQ	180.7740, 33.8320, 25.6400

Conversions

Conversions Part 2

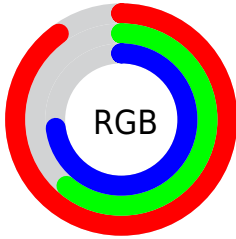
Format	Color
R _Y B	229, 155, 187
Decimal	15047611
CIE Lab	72.02, 32.16, -5.22
CIE LCh	72, 32.580, 350.773
Yxy	43.6886, 0.3549, 0.2925
Android (android.graphics.Color)	4293237691 (0xFFE59BBB)
YUV	180.7740, 3.0694, 42.2942
Hunter-Lab	66.0974, 27.4705, -0.9620

Details

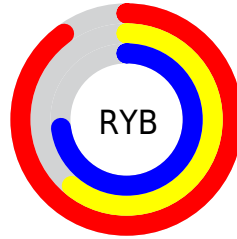
The XYZ color **53.0041, 43.6886, 52.6528** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.6168, 67.0396, 63.0461**, and the grayscale version is **43.7712, 46.0507, 50.1493**.

A 20% lighter version of the original color is **80.4643, 73.8243, 94.8026**, and **26.1666, 20.1924, 25.0726** is the 20% darker color. If you saturate the color by 10%, you get **48.2192, 36.2454, 44.5005**, and if you desaturate by 10%, it is **58.6402, 52.6315, 61.7113**.

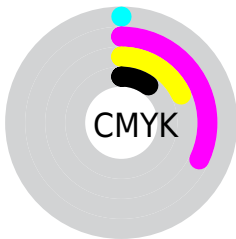
Distribution



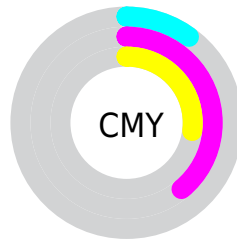
- Red (90%)
- Green (61%)
- Blue (73%)



- Red (90%)
- Yellow (61%)
- Blue (73%)



- Cyan (0%)
- Magenta (32%)
- Yellow (18%)
- Black (10%)





- Cyan (10%)
- Magenta (39%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0041, 43.6886, 52.6528 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 53.0041, 43.6886, 52.6528 by changing the saturation by 10% instead.


 53.0041, 43.6886,
52.6528


 53.0041, 43.6886,
52.6528


388.5615,
361.4360, 413.9801

 38.0335, 30.4258,
37.1398

 93.7759, 80.7490,
95.5296

 26.1860, 20.1620,
25.0192


 120.3078,
105.3153, 123.7306

 17.0963, 12.5128,
15.8722


151.4243,
134.4182, 156.9980

 10.3989, 7.0940,
9.2804

187.4906,
168.4422, 195.7503

 5.7285, 3.5209,
4.8252

228.8721,
207.7715, 240.4062

 2.7198, 1.4094,
2.0881

275.9342,

 1.0074, 0.2236,

252.7907, 291.3840

0.6087

329.0422,
303.8841, 349.1025

■ 0.0000, 0.0000,
0.0000

■ 53.0041, 43.6886,
52.6528

■ 53.0041, 43.6886,
52.6528

■ 48.2192, 36.2454,
44.5005

■ 58.6402, 52.6315,
61.7113

■ 44.2373, 30.2127,
37.2204

■ 65.1646, 63.1449,
71.7026

■ 41.0114, 25.5009,
30.7803

■ 72.6168, 75.3022,
82.6556

■ 38.4871, 22.0077,
25.1442

■ 81.0327, 89.1706,
94.5971

■ 36.6027, 19.6154,
20.2727

■ 85.6427, 95.2059,
105.9512

■ 35.2842, 18.1824,
16.1213

■ 86.1233, 95.3981,
108.4822

■ 34.5664, 17.5593,
13.3766

Harmonies

Analogous

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



50.3750, 43.6886, 69.6932



53.0041, 43.6886, 52.6528



52.3513, 43.6886, 37.5098

Triad

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



53.0041, 43.6886, 52.6528



37.8450, 43.6886, 24.2894



35.1204, 43.6886, 75.4680

Complementary

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



53.0041, 43.6886, 52.6528



51.6168, 67.0396, 63.0461

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.



32.3042, 43.6886, 59.2839



53.0041, 43.6886, 52.6528



33.7769, 43.6886, 30.7063

Square

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



53.0041, 43.6886, 52.6528



43.2637, 43.6886, 23.2844



31.8353, 43.6886, 42.8243



39.8330, 43.6886, 84.6707

Rectangle

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



53.0041, 43.6886, 52.6528



50.1642, 43.6886, 30.2355



31.8353, 43.6886, 42.8243



33.9389, 43.6886, 70.5137

Sweetspot

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



53.0054, 43.6906, 52.6537



85.2043, 83.8983, 94.5517



48.8745, 40.9635, 79.4600



17.9620, 17.5105, 19.8279



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.



53.0054, 43.6906, 52.6537



63.3099, 48.9889, 59.8795



50.7904, 44.1453, 36.8568



14.6344, 14.4710, 16.2754



19.8211, 10.0626, 7.9527



1.5106, 0.7619, 0.8292

Inverse Universe

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



53.0054, 43.6906, 52.6537



63.3099, 48.9889, 59.8795



54.3355, 65.9740, 83.9997



14.6344, 14.4710, 16.2754



19.8211, 10.0626, 7.9527



1.5106, 0.7619, 0.8292

Previews

White Background



This preview shows how the XYZ color 53.0041, 43.6886, 52.6528 looks on a white background.

Color Contrast Check

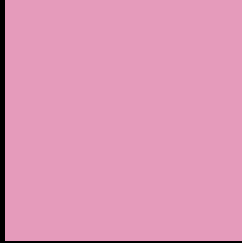
Large Text (above 18pt) WCAG AA × Fail

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 53.0041, 43.6886, 52.6528 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 53.0041, 43.6886, 52.6528

Background



This preview shows how black text looks on a background with the XYZ color 53.0041, 43.6886, 52.6528.



This preview shows how white text looks on a background with the XYZ color 53.0041, 43.6886,

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

53.0041, 43.6886, 52.6528

Protanopia

43.1842, 44.1050, 60.8807

Deuteranopia

44.8901, 44.0421, 51.4824



Tritanopia

51.1611, 43.6869, 43.7661

Trichromacy



Original Color

53.0041, 43.6886, 52.6528



Protanomaly

45.8453, 43.2829, 57.5679



Deuteranomaly

47.5700, 43.7544, 51.8372



Tritanomaly

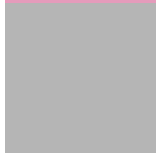
51.8884, 43.7425, 46.7826

Monochromacy



Original Color

53.0041, 43.6886, 52.6528



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

46.5885, 44.9297, 51.0166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0041, 43.6886, 52.6528 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, 155, 187)` looks like.

```
.text, #text, p{  
    color:rgb(229, 155, 187)  
}
```

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, 155, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 155, 187) }
```

Border

The CSS property to change the border of an element to XYZ 53.0041, 43.6886, 52.6528 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, 155, 187) }
```


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

```
.border{ border-color:rgb(229, 155, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 155, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 155, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 155, 187);  
box-shadow:4px 4px 4px 4px rgb(229, 155,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0041, 43.6886, 52.6528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 155, 187) }
```

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

```
.background{ background-color: rgb(229,  
155, 187) }
```

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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