

Converting Colors

XYZ(53.1055, 43.3779, 41.5691)

Have a look what the booklet for
XYZ(53.1055, 43.3779, 41.5691)
contains.

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Color

**XYZ(53.1992, 43.5402,
41.6766)**

Conversions

Conversions Part 1

Format	Color
Hex	ED99A6
RGB	237, 153, 166
RGB Percent	93%, 60%, 65%
CMY	0.0706, 0.4000, 0.3490
CMYK	0.00, 0.35, 0.30, 0.07
HSL	351°, 70%, 76%
HSV	351°, 35%, 93%
XYZ	53.1992, 43.5402, 41.6766
YIQ	179.5980, 45.8910, 21.8510

Conversions

Conversions Part 2

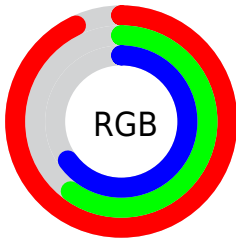
Format	Color
R _Y B	237, 153, 166
Decimal	15571366
CIE Lab	71.92, 33.09, 6.37
CIE LCh	72, 33.701, 10.900
Yxy	43.5402, 0.3843, 0.3146
Android (android.graphics.Color)	4293761446 (0xFFED99A6)
YUV	179.5980, -6.7038, 50.3416
Hunter-Lab	65.9850, 28.4386, 8.7415

Details

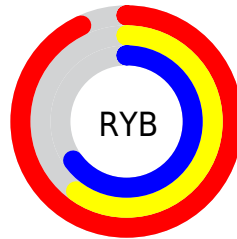
The XYZ color **53.1992, 43.5402, 41.6766** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.8775, 72.7234, 81.5641**, and the grayscale version is **43.1857, 45.4347, 49.4784**.

A 20% lighter version of the original color is **76.8470, 71.5922, 78.1750**, and **26.2813, 20.1060, 18.4152** is the 20% darker color. If you saturate the color by 10%, you get **48.0015, 35.8602, 31.5727**, and if you desaturate by 10%, it is **59.4559, 52.8796, 53.5467**.

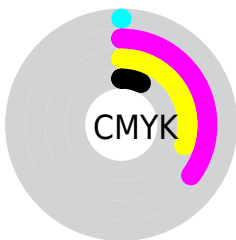
Distribution



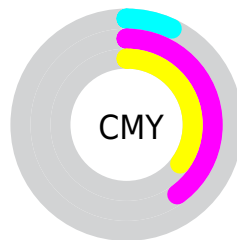
- Red (93%)
- Green (60%)
- Blue (65%)



- Red (93%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (35%)
- Yellow (30%)
- Black (7%)





- Cyan (7%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1992, 43.5402, 41.6766 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 53.1992, 43.5402, 41.6766 by changing the saturation by 10% instead.


 53.1992, 43.5402,
41.6766

 53.1992, 43.5402,
41.6766


389.2973,
360.8286, 368.9006

 38.1899, 30.3092,
28.5245


 94.0612, 80.5254,
78.9747

 26.3080, 20.0734,
18.4789


 120.6447,
105.0484, 103.9578

 17.1881, 12.4484,
11.1214


151.8169,
134.1042, 133.7216

 10.4648, 7.0498,
6.0333

187.9433,
168.0771, 168.6847

 5.7728, 3.4933,
2.7962

229.3892,
207.3517, 209.2656

 2.7468, 1.3944,
0.9916

276.5199,

 1.0213, 0.2126,

252.3122, 255.8829

0.0000

329.7008,
303.3430, 308.9550

■ 0.0000, 0.0000,
0.0000

■ 53.1992, 43.5402,
41.6766

■ 53.1992, 43.5402,
41.6766

■ 48.0015, 35.8602,
31.5727

■ 59.4559, 52.8796,
53.5467

■ 43.8003, 29.7363,
23.1476

■ 66.8224, 63.9611,
67.2595

■ 40.5317, 25.0636,
16.3102

■ 75.3507, 76.8696,
82.8902

■ 38.1229, 21.7212,
10.9595

■ 85.0882, 91.6824,
100.5089

■ 36.4902, 19.5691,
6.9827

■ 88.7351, 96.7445,
108.6045

■ 35.5318, 18.4351,
4.2499

■ 35.2538, 18.1360,
3.3655

Harmonies

Analogous

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



52.7176, 43.5402, 58.5250



53.1992, 43.5402, 41.6766



50.3021, 43.5402, 29.5728

Triad

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



53.1992, 43.5402, 41.6766



34.5677, 43.5402, 27.2996



37.8751, 43.5402, 84.0028

Complementary

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



53.1992, 43.5402, 41.6766



56.8775, 72.7234, 81.5641

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.



33.5870, 43.5402, 71.2700



53.1992, 43.5402, 41.6766



31.8031, 43.5402, 37.7960

Square

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



53.1992, 43.5402, 41.6766



39.3308, 43.5402, 22.6442



31.4615, 43.5402, 53.6419



43.5067, 43.5402, 85.7280

Rectangle

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



53.1992, 43.5402, 41.6766



46.9886, 43.5402, 24.7993



31.4615, 43.5402, 53.6419



36.2432, 43.5402, 80.7503

Sweetspot

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



53.2004, 43.5423, 41.6775



83.1602, 81.9567, 87.2522



57.1101, 44.5871, 85.7170



17.5116, 17.1063, 18.1465



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.



53.2004, 43.5423, 41.6775



57.9685, 44.2378, 39.8124



57.2001, 53.3541, 37.4233



15.1605, 15.0920, 16.1303



19.2775, 9.9137, 1.9968



1.5427, 0.7900, 0.3091

Inverse Universe

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



53.2004, 43.5423, 41.6775



57.9685, 44.2378, 39.8124



51.2251, 58.4893, 88.7105



15.1605, 15.0920, 16.1303



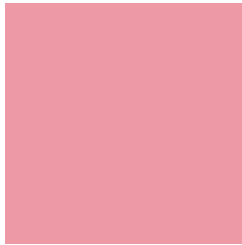
19.2775, 9.9137, 1.9968



1.5427, 0.7900, 0.3091

Previews

White Background



This preview shows how the XYZ color 53.1992, 43.5402, 41.6766 looks on a white background.

Color Contrast Check

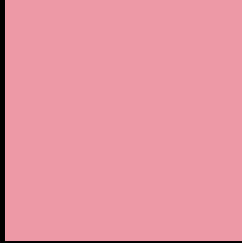
Large Text (above 18pt) WCAG AA × Fail

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 53.1992, 43.5402, 41.6766 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 53.1992, 43.5402, 41.6766

Background



This preview shows how black text looks on a background with the XYZ color 53.1992, 43.5402, 41.6766.



This preview shows how white text looks on a background with the XYZ color 53.1992, 43.5402,

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

53.1992, 43.5402, 41.6766

Protanopia

42.2524, 43.8890, 48.8923

Deuteranopia

44.5388, 43.5359, 40.7062



Tritanopia

53.1078, 43.5036, 41.1953

Trichromacy



Original Color

53.1992, 43.5402, 41.6766

Protanomaly

45.4620, 43.3406, 46.0139

Deuteranomaly

47.4169, 43.3774, 40.9955

Tritanomaly

53.1078, 43.5036, 41.1953

Monochromacy



Original Color

53.1992, 43.5402, 41.6766

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

46.2000, 44.2621, 46.6659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1992, 43.5402, 41.6766 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(237, 153, 166)` looks like.

```
.text, #text, p{  
    color:rgb(237, 153, 166)  
}
```

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(237, 153, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 153, 166) }
```

Border

The CSS property to change the border of an element to XYZ 53.1992, 43.5402, 41.6766 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(237, 153, 166) }
```


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

```
.border{ border-color:rgb(237, 153, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 153, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 153, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 153, 166); box-shadow:4px 4px 4px 4px rgb(237, 153, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1992, 43.5402, 41.6766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 153, 166) }
```

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

```
.background{ background-color: rgb(237,  
153, 166) }
```

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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