

Converting Colors

XYZ(53.6916, 42.9568, 44.7853)

Have a look what the booklet for
XYZ(53.6916, 42.9568, 44.7853)
contains.

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Color

**XYZ(53.7091, 43.0070,
45.0056)**

Conversions

Conversions Part 1

Format	Color
Hex	EE96AD
RGB	238, 150, 173
RGB Percent	93%, 59%, 68%
CMY	0.0667, 0.4117, 0.3216
CMYK	0.00, 0.37, 0.27, 0.07
HSL	344°, 72%, 76%
HSV	344°, 37%, 93%
XYZ	53.7091, 43.0070, 45.0056
YIQ	178.9340, 45.0650, 25.8090

Conversions

Conversions Part 2

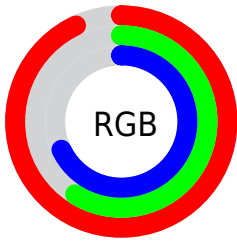
Format	Color
R _Y B	238, 150, 173
Decimal	15636141
CIE Lab	71.56, 35.96, 1.98
CIE LCh	72, 36.013, 3.157
Yxy	43.0070, 0.3790, 0.3035
Android (android.graphics.Color)	4293826221 (0xFFEE96AD)
YUV	178.9340, -2.9255, 51.8009
Hunter-Lab	65.5797, 31.4251, 5.2167

Details

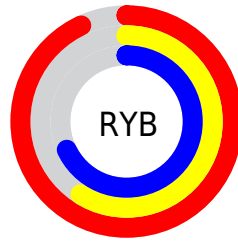
The XYZ color **53.7091, 43.0070, 45.0056** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.4199, 72.5405, 75.3745**, and the grayscale version is **42.8120, 45.0415, 49.0502**.

A 20% lighter version of the original color is **77.0749, 70.5241, 82.9490**, and **26.6413, 19.8191, 20.5105** is the 20% darker color. If you saturate the color by 10%, you get **48.6991, 35.5324, 35.4876**, and if you desaturate by 10%, it is **59.7167, 52.1177, 55.9615**.

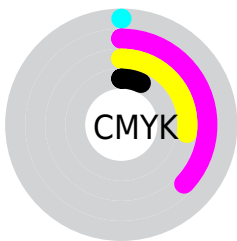
Distribution



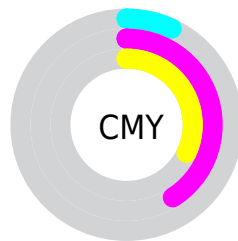
- Red (93%)
- Green (59%)
- Blue (68%)



- Red (93%)
- Yellow (59%)
- Blue (68%)



- Cyan (0%)
- Magenta (37%)
- Yellow (27%)
- Black (7%)





- Cyan (7%)
- Magenta (41%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7091, 43.0070, 45.0056 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 53.7091, 43.0070, 45.0056 by changing the saturation by 10% instead.


 53.7091, 43.0070,
45.0056


 53.7091, 43.0070,
45.0056

391.2162,
358.6406, 382.9570

 38.5989, 29.8906,
31.1189

 94.8064, 79.7214,
84.0474

 26.6271, 19.7556,
20.4301


 121.5242,
104.0882, 110.0394

 17.4285, 12.2175,
12.5209

152.8419,
132.9740, 140.9037

 10.6377, 6.8920,
6.9727

189.1248,
166.7631, 177.0588

 5.8893, 3.3946,
3.3668

230.7383,
205.8399, 218.9231

 2.8179, 1.3411,
1.2849

278.0479,

 1.0582, 0.1727,

250.5888, 266.9152

0.0493

331.4187,
301.3942, 321.4537

■ 0.0000, 0.0000,
0.0000

■ 53.7091, 43.0070,
45.0056

■ 53.7091, 43.0070,
45.0056

■ 48.6991, 35.5324,
35.4876

■ 59.7167, 52.1177,
55.9615

■ 44.6273, 29.5903,
27.3434

■ 66.7694, 62.9477,
68.4102

■ 41.4336, 25.0749,
20.5081

■ 74.9161, 75.5818,
82.4068

■ 39.0491, 21.8640,
14.9097

■ 84.2014, 90.0976,
98.0029

■ 37.3938, 19.8149,
10.4686

■ 89.0700, 96.9172,
108.6201

■ 36.3670, 18.7451,
7.0934

■ 36.1349, 18.5271,
6.2571

Harmonies

Analogous

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



52.2316, 43.0070, 63.6479



53.7091, 43.0070, 45.0056



51.4764, 43.0070, 30.7856

Triad

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



53.7091, 43.0070, 45.0056



34.8050, 43.0070, 24.0018



35.8176, 43.0070, 83.5445

Complementary

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



53.7091, 43.0070, 45.0056



55.4199, 72.5405, 75.3745

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.



31.8424, 43.0070, 67.6520



53.7091, 43.0070, 45.0056



31.2999, 43.0070, 33.2667

Square

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



53.7091, 43.0070, 45.0056



40.2357, 43.0070, 20.7034



30.2710, 43.0070, 48.6975



41.5248, 43.0070, 88.8915

Rectangle

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



53.7091, 43.0070, 45.0056



48.3024, 43.0070, 24.8022



30.2710, 43.0070, 48.6975



34.2542, 43.0070, 79.0925

Sweetspot

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



53.7103, 43.0091, 45.0065



83.5870, 82.1274, 89.4997



54.2281, 42.3646, 86.2082



17.6126, 17.1467, 18.6785



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.



53.7103, 43.0091, 45.0065



58.4904, 43.8281, 44.4673



55.2414, 49.3311, 35.4671



15.9423, 15.8267, 17.2526



20.2045, 10.3542, 3.7277



1.7203, 0.8772, 0.5180

Inverse Universe

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



53.7103, 43.0091, 45.0065



58.4904, 43.8281, 44.4673



52.9453, 62.5252, 90.1673



15.9423, 15.8267, 17.2526



20.2045, 10.3542, 3.7277



1.7203, 0.8772, 0.5180

Previews

White Background



This preview shows how the XYZ color 53.7091, 43.0070, 45.0056 looks on a white background.

Color Contrast Check

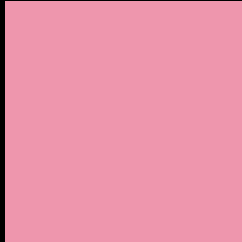
Large Text (above 18pt) WCAG AA × Fail

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 53.7091, 43.0070, 45.0056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

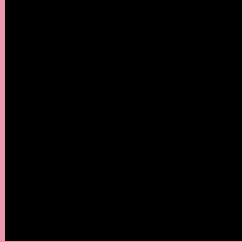
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7091, 43.0070, 45.0056

Background



This preview shows how black text looks on a background with the XYZ color 53.7091, 43.0070, 45.0056.



This preview shows how white text looks on a background with the XYZ color 53.7091, 43.0070,

45.0056.

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

53.7091, 43.0070, 45.0056

Protanopia

41.9788, 43.3618, 53.1708

Deuteranopia

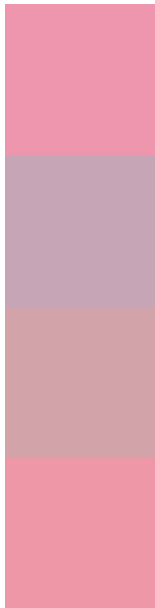
44.0418, 43.2161, 43.5564



Tritanopia

52.7641, 43.1053, 40.1895

Trichromacy



Original Color

53.7091, 43.0070, 45.0056

Protanomaly

45.3684, 42.6556, 50.0981

Deuteranomaly

47.2169, 42.9455, 43.8309

Tritanomaly

52.9667, 42.9278, 42.0535

Monochromacy



Original Color

53.7091, 43.0070, 45.0056

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.7579, 43.4589, 47.5717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7091, 43.0070, 45.0056 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(238, 150, 173)` looks like.

```
.text, #text, p{  
    color:rgb(238, 150, 173)  
}
```

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(238, 150, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 150, 173) }
```

Border

The CSS property to change the border of an element to XYZ 53.7091, 43.0070, 45.0056 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(238, 150, 173) }
```


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

```
.border{ border-color:rgb(238, 150, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 150, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 150, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 150, 173);  
box-shadow:4px 4px 4px 4px rgb(238, 150,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7091, 43.0070, 45.0056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 150, 173) }
```

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

```
.background{ background-color: rgb(238,  
150, 173) }
```

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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