

Converting Colors

XYZ(54.1987, 40.2942, 56.5507)

Have a look what the booklet for
XYZ(54.1987, 40.2942, 56.5507)
contains.

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Color

**XYZ(54.1987, 40.2942,
56.5507)**

Conversions

Conversions Part 1

Format	Color
Hex	EE8AC3
RGB	238, 138, 195
RGB Percent	93%, 54%, 76%
CMY	0.0667, 0.4588, 0.2353
CMYK	0.00, 0.42, 0.18, 0.07
HSL	326°, 75%, 74%
HSV	326°, 42%, 93%
XYZ	54.1987, 40.2942, 56.5507
YIQ	174.3980, 41.3030, 38.9270

Conversions

Conversions Part 2

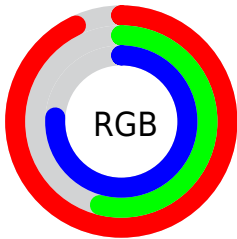
Format	Color
R _Y B	238, 138, 195
Decimal	15633091
CIE Lab	69.68, 45.32, -13.04
CIE LCh	70, 47.158, 343.944
Yxy	40.2942, 0.3588, 0.2668
Android (android.graphics.Color)	4293823171 (0xFFEE8AC3)
YUV	174.3980, 10.1568, 55.7790
Hunter-Lab	63.4777, 41.3213, -8.3856

Details

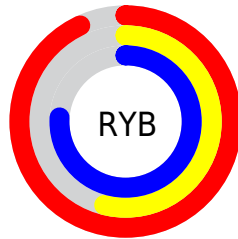
The XYZ color **54.1987, 40.2942, 56.5507** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **49.3981, 69.8897, 54.6058**, and the grayscale version is **40.3724, 42.4749, 46.2551**.

A 20% lighter version of the original color is **77.8807, 66.4282, 100.8126**, and **26.8786, 18.1234, 27.2808** is the 20% darker color. If you saturate the color by 10%, you get **50.0330, 33.7513, 49.6473**, and if you desaturate by 10%, it is **59.1942, 48.3688, 64.1229**.

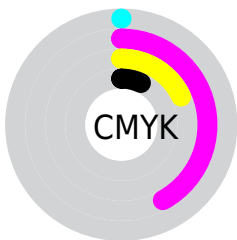
Distribution



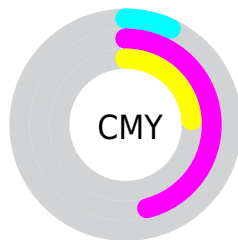
- Red (93%)
- Green (54%)
- Blue (76%)



- Red (93%)
- Yellow (54%)
- Blue (76%)



- Cyan (0%)
- Magenta (42%)
- Yellow (18%)
- Black (7%)





- Cyan (7%)
- Magenta (46%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1987, 40.2942, 56.5507 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 54.1987, 40.2942, 56.5507 by changing the saturation by 10% instead.


 54.1987, 40.2942,
56.5507

 54.1987, 40.2942,
56.5507


393.0533,
347.3620, 429.2101


 38.9918, 27.7680,
40.2377

 95.5211, 75.6113,
101.3031

 26.9341, 18.1508,
27.4087

 122.3674, 99.1710,
130.5796

 17.6601, 11.0583,
17.6453


 153.8242,
127.1773, 165.0143

 10.8044, 6.1061,
10.5288

190.2568,
160.0146, 205.0257

 6.0018, 2.9097,
5.6408

232.0307,
198.0674, 251.0325

 2.8868, 1.0848,
2.5627

279.5112,

 1.0942, 0.0000,

241.7199, 303.4531

0.8731

333.0636,
291.3567, 362.7061

■ 0.0203, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1987, 40.2942,
56.5507

■ 54.1987, 40.2942,
56.5507

■ 50.0330, 33.7513,
49.6473

■ 59.1942, 48.3688,
64.1229

■ 46.6426, 28.6350,
43.3855

■ 65.0624, 58.0598,
72.3845

■ 43.9717, 24.8359,
37.7391

■ 71.8473, 69.4525,
81.3580

■ 41.9549, 22.2261,
32.6780

■ 79.5890, 82.6245,
91.0638

■ 40.5140, 20.6516,
28.1675

■ 87.6814, 96.3618,
101.3069

■ 39.6796, 19.9451,
24.9227

■ 89.0702, 96.9173,
108.6201

Harmonies

Analogous

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



49.4088, 40.2942, 81.6140



54.1987, 40.2942, 56.5507



54.3752, 40.2942, 34.5069

Triad

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



54.1987, 40.2942, 56.5507



34.8705, 40.2942, 14.4235



28.6762, 40.2942, 79.9695

Complementary

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



54.1987, 40.2942, 56.5507



49.3981, 69.8897, 54.6058

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.



25.7510, 40.2942, 54.7981



54.1987, 40.2942, 56.5507



28.9925, 40.2942, 20.0410

Square

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



54.1987, 40.2942, 56.5507



42.5011, 40.2942, 14.6152



25.8585, 40.2942, 33.2484



34.3823, 40.2942, 97.9075

Rectangle

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



54.1987, 40.2942, 56.5507



51.8045, 40.2942, 24.3448



25.8585, 40.2942, 33.2484



27.3710, 40.2942, 71.7671

Sweetspot

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



54.1999, 40.2961, 56.5515



83.1605, 79.7585, 94.0312



43.2678, 34.0155, 85.1747



17.4086, 16.4121, 19.6174



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.



54.1999, 40.2961, 56.5515



59.3396, 40.7464, 59.4865



49.5642, 38.4418, 32.1402



16.1503, 15.9098, 18.3478



22.2032, 11.1537, 14.2526



1.8969, 0.9478, 1.4477

Inverse Universe

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



54.1999, 40.2961, 56.5515



59.3396, 40.7464, 59.4865



55.2933, 72.2478, 85.6496



16.1503, 15.9098, 18.3478



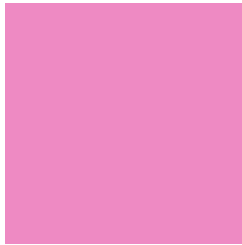
22.2032, 11.1537, 14.2526



1.8969, 0.9478, 1.4477

Previews

White Background



This preview shows how the XYZ color 54.1987, 40.2942, 56.5507 looks on a white background.

Color Contrast Check

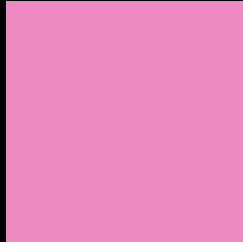
Large Text (above 18pt) WCAG AA × Fail

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 54.1987, 40.2942, 56.5507 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 54.1987, 40.2942, 56.5507

Background



This preview shows how black text looks on a background with the XYZ color 54.1987, 40.2942, 56.5507.



This preview shows how white text looks on a background with the XYZ color 54.1987, 40.2942,

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

54.1987, 40.2942, 56.5507

Protanopia

40.8807, 40.7047, 70.6679

Deuteranopia

41.2906, 40.4551, 54.3476



Tritanopia

50.0578, 40.1435, 36.5626

Trichromacy



Original Color

54.1987, 40.2942, 56.5507



Protanomaly

44.3511, 39.6992, 64.9997



Deuteranomaly

45.2223, 39.8621, 55.1798



Tritanomaly

51.1896, 39.9104, 43.0357

Monochromacy



Original Color

54.1987, 40.2942, 56.5507



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

44.2143, 40.7375, 49.7887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1987, 40.2942, 56.5507 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, 138, 195)` looks like.

```
.text, #text, p{  
    color:rgb(238, 138, 195)  
}
```

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, 138, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 138, 195) }
```

Border

The CSS property to change the border of an element to XYZ 54.1987, 40.2942, 56.5507 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, 138, 195) }
```


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

```
.border{ border-color:rgb(238, 138, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 138, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 138, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 138, 195);  
box-shadow:4px 4px 4px 4px rgb(238, 138,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1987, 40.2942, 56.5507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 138, 195) }
```

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

```
.background{ background-color: rgb(238,  
138, 195) }
```

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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