

Converting Colors

XYZ(51.1511, 37.7357, 44.6321)

Have a look what the booklet for
XYZ(51.1511, 37.7357, 44.6321)
contains.

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Color

**XYZ(51.1511, 37.7357,
44.6321)**

Conversions

Conversions Part 1

Format	Color
Hex	EE84AE
RGB	238, 132, 174
RGB Percent	93%, 52%, 68%
CMY	0.0667, 0.4823, 0.3176
CMYK	0.00, 0.45, 0.27, 0.07
HSL	336°, 76%, 73%
HSV	336°, 45%, 93%
XYZ	51.1511, 37.7357, 44.6321
YIQ	168.4820, 49.6940, 35.5340

Conversions

Conversions Part 2

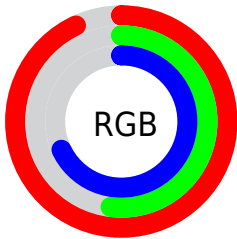
Format	Color
R_{YB}	238, 132, 174
Decimal	15631534
CIE _{Lab}	67.83, 45.39, -4.04
CIE _{LCh}	68, 45.565, 354.911
Yxy	37.7357, 0.3831, 0.2826
Android (android.graphics.Color)	4293821614 (0xFFEE84AE)
YUV	168.4820, 2.7204, 60.9673
Hunter-Lab	61.4294, 41.1322, -0.0771

Details

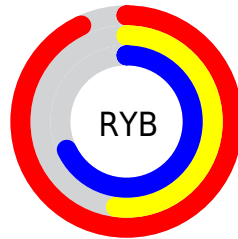
The XYZ color **51.1511, 37.7357, 44.6321** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **50.0559, 70.0410, 63.1093**, and the grayscale version is **37.4274, 39.3766, 42.8811**.

A 20% lighter version of the original color is **73.1532, 62.4578, 82.3287**, and **25.1312, 16.7004, 20.3113** is the 20% darker color. If you saturate the color by 10%, you get **46.9572, 31.4711, 36.6879**, and if you desaturate by 10%, it is **56.2332, 45.5362, 53.6126**.

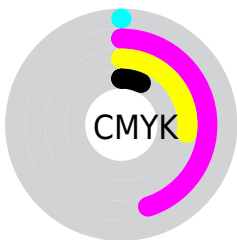
Distribution



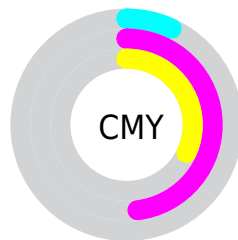
- Red (93%)
- Green (52%)
- Blue (68%)



- Red (93%)
- Yellow (52%)
- Blue (68%)



- Cyan (0%)
- Magenta (45%)
- Yellow (27%)
- Black (7%)





- Cyan (7%)
- Magenta (48%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1511, 37.7357, 44.6321 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 51.1511, 37.7357, 44.6321 by changing the saturation by 10% instead.


 51.1511, 37.7357,
44.6321


 51.1511, 37.7357,
44.6321

381.5286,
336.4848, 381.3981

 36.5504, 25.7776,
30.8269

 91.0597, 71.7029,
83.4807

 25.0317, 16.6574,
20.2097


 117.0984, 94.4807,
109.3611

 16.2295, 9.9905,
12.3620


 147.6804,
121.6340, 140.1037

 9.7786, 5.3927,
6.8652

183.1712,
153.5470, 176.1270

 5.3135, 2.4794,
3.3008

223.9360,
190.6042, 217.8496

 2.4690, 0.8663,
1.2502

270.3403,

 0.8797, 0.0000,

233.1900, 265.6899

0.0204

322.7494,
281.6887, 320.0666

■ 0.0000, 0.0000,
0.0000

■ 51.1511, 37.7357,
44.6321

■ 51.1511, 37.7357,
44.6321

■ 46.9572, 31.4711,
36.6879

■ 56.2332, 45.5362,
53.6126

■ 43.5928, 26.6335,
29.7363

■ 62.2507, 54.9606,
63.6663

■ 40.9970, 23.1085,
23.7329

■ 69.2511, 66.0970,
74.8304

■ 39.0981, 20.7614,
18.6282

■ 77.2778, 79.0254,
87.1400

■ 37.8096, 19.4274,
14.3659

■ 86.3713, 93.8206,
100.6280

■ 37.2936, 18.9906,
12.3590

■ 89.0699, 96.9172,
108.6201

Harmonies

Analogous

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



48.1549, 37.7357, 67.7200



51.1511, 37.7357, 44.6321



49.6346, 37.7357, 26.7965

Triad

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



51.1511, 37.7357, 44.6321



30.4494, 37.7357, 14.9597



28.6183, 37.7357, 81.7947

Complementary

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



51.1511, 37.7357, 44.6321



50.0559, 70.0410, 63.1093

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.



24.9139, 37.7357, 59.7263



51.1511, 37.7357, 44.6321



25.8699, 37.7357, 22.5526

Square

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



51.1511, 37.7357, 44.6321



37.0838, 37.7357, 13.2628



23.9776, 37.7357, 37.7362



34.6765, 37.7357, 93.2232

Rectangle

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



51.1511, 37.7357, 44.6321



46.3602, 37.7357, 19.3053



23.9776, 37.7357, 37.7362



27.0896, 37.7357, 75.0839

Sweetspot

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



51.1522, 37.7375, 44.6328



82.3145, 79.4201, 89.5762



46.3466, 34.3600, 85.0784



17.2002, 16.3288, 18.5200



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.



51.1522, 37.7375, 44.6328



55.5196, 37.6894, 44.0848



49.1887, 39.3701, 26.8389



16.0322, 15.8626, 17.7257



20.8655, 10.6186, 7.2083



1.7835, 0.9024, 0.8507

Inverse Universe

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



51.1522, 37.7375, 44.6328



55.5196, 37.6894, 44.0848



52.5282, 66.2368, 90.9055



16.0322, 15.8626, 17.7257



20.8655, 10.6186, 7.2083



1.7835, 0.9024, 0.8507

Previews

White Background



This preview shows how the XYZ color 51.1511, 37.7357, 44.6321 looks on a white background.

Color Contrast Check

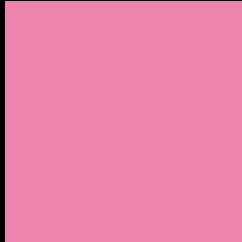
Large Text (above 18pt) WCAG AA × Fail

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 51.1511, 37.7357, 44.6321 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 51.1511, 37.7357, 44.6321

Background



This preview shows how black text looks on a background with the XYZ color 51.1511, 37.7357, 44.6321.



This preview shows how white text looks on a background with the XYZ color 51.1511, 37.7357,

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

51.1511, 37.7357, 44.6321

Protanopia

37.5103, 37.9195, 56.3811

Deuteranopia

38.7287, 38.0576, 42.8407



Tritanopia

48.4731, 37.6601, 32.3181

Trichromacy



Original Color

51.1511, 37.7357, 44.6321



Protanomaly

40.9369, 36.7357, 51.9468



Deuteranomaly

42.3444, 37.1705, 43.4709



Tritanomaly

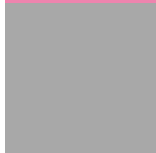
49.3418, 37.5951, 36.5543

Monochromacy



Original Color

51.1511, 37.7357, 44.6321



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

40.9694, 37.6824, 43.1443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1511, 37.7357, 44.6321 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, 132, 174)` looks like.

```
.text, #text, p{  
    color:rgb(238, 132, 174)  
}
```

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, 132, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 132, 174) }
```

Border

The CSS property to change the border of an element to XYZ 51.1511, 37.7357, 44.6321 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, 132, 174) }
```


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

```
.border{ border-color:rgb(238, 132, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 132, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 132, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 132, 174);  
box-shadow:4px 4px 4px 4px rgb(238, 132,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1511, 37.7357, 44.6321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 132, 174) }
```

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

```
.background{ background-color: rgb(238,  
132, 174) }
```

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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