

Converting Colors

XYZ(51.4215, 43.7041, 37.6238)

Have a look what the booklet for
XYZ(51.4215, 43.7041, 37.6238)
contains.

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Color

**XYZ(51.4215, 43.7041,
37.6238)**

Conversions

Conversions Part 1

Format	Color
Hex	E89D9D
RGB	232, 157, 157
RGB Percent	91%, 62%, 62%
CMY	0.0902, 0.3843, 0.3843
CMYK	0.00, 0.32, 0.32, 0.09
HSL	0°, 62%, 76%
HSV	0°, 32%, 91%
XYZ	51.4215, 43.7041, 37.6238
YIQ	179.4250, 44.7000, 15.9000

Conversions

Conversions Part 2

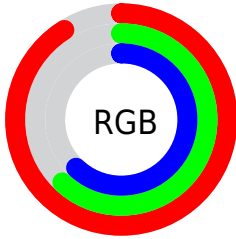
Format	Color
R _Y B	232, 157, 157
Decimal	15244701
CIE Lab	72.03, 27.98, 11.43
CIE LCh	72, 30.221, 22.225
Yxy	43.7041, 0.3874, 0.3292
Android (android.graphics.Color)	4293434781 (0xFFE89D9D)
YUV	179.4250, -11.0555, 46.1083
Hunter-Lab	66.1091, 23.1514, 12.5334

Details

The XYZ color **51.4215, 43.7041, 37.6238** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.3256, 70.7049, 86.9701**, and the grayscale version is **43.1161, 45.3615, 49.3986**.

A 20% lighter version of the original color is **76.6671, 73.1004, 72.3564**, and **25.3323, 20.2577, 16.2106** is the 20% darker color. If you saturate the color by 10%, you get **46.0665, 35.8686, 26.9770**, and if you desaturate by 10%, it is **57.9001, 53.1845, 50.5015**.

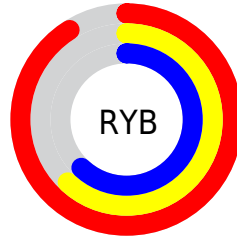
Distribution



Red (91%)

Green (62%)

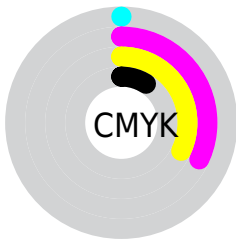
Blue (62%)



Red (91%)

Yellow (62%)

Blue (62%)

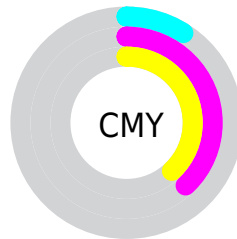


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (9%)



Cyan (9%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4215, 43.7041, 37.6238 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 51.4215, 43.7041, 37.6238 by changing the saturation by 10% instead.


 51.4215, 43.7041,
37.6238


 51.4215, 43.7041,
37.6238


382.5599,
361.4994, 351.2531

 36.7666, 30.4380,
25.3913


 91.4568, 80.7723,
72.7282

 25.1997, 20.1712,
16.1471


 117.5679,
105.3431, 96.4371

 16.3554, 12.5196,
9.4729

148.2284,
134.4510, 124.8086

 9.8684, 7.0986,
4.9499

183.8037,
168.4803, 158.2611

 5.3734, 3.5238,
2.1597

224.6592,
207.8154, 197.2133

 2.5050, 1.4109,
0.6509

271.1601,

 0.8978, 0.2248,

252.8407, 242.0837

0.0000

323.6719,
303.9405, 293.2908

■ 0.0000, 0.0000,
0.0000

■ 51.4215, 43.7041,
37.6238

■ 51.4215, 43.7041,
37.6238

■ 46.0665, 35.8686,
26.9770

■ 57.9001, 53.1845,
50.5015

■ 41.7680, 29.5785,
18.4318

■ 65.5574, 64.3893,
65.7240

■ 38.4570, 24.7336,
11.8501

■ 74.4491, 77.4003,
83.4006

■ 36.0553, 21.2191,
7.0759

■ 84.6264, 92.2925,
103.6331

■ 34.4724, 18.9028,
3.9296

■ 87.0888, 95.8958,
108.5274

■ 33.5996, 17.6255,
2.1949

■ 33.2789, 17.1562,
1.5575

Harmonies

Analogous

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



52.1701, 43.7041, 51.5362



51.4215, 43.7041, 37.6238



47.9208, 43.7041, 28.4687

Triad

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



51.4215, 43.7041, 37.6238



34.1777, 43.7041, 32.2114



40.2112, 43.7041, 81.6725

Complementary

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



51.4215, 43.7041, 37.6238



57.3256, 70.7049, 86.9701

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.



35.7513, 43.7041, 73.7764



51.4215, 43.7041, 37.6238



32.4609, 43.7041, 43.8436

Square

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



51.4215, 43.7041, 37.6238



37.8971, 43.7041, 25.8248



33.0122, 43.7041, 59.1685



45.4080, 43.7041, 79.0483

Rectangle

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



51.4215, 43.7041, 37.6238



44.6437, 43.7041, 25.3257



33.0122, 43.7041, 59.1685



38.5825, 43.7041, 80.1120

Sweetspot

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



51.4227, 43.7062, 37.6247



83.6111, 83.2618, 86.1596



59.9014, 47.0964, 82.2774



17.5792, 17.3576, 17.8115



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.



51.4227, 43.7062, 37.6247



59.0169, 47.2735, 37.2672



58.7681, 58.3970, 40.0731



14.3771, 14.3682, 14.9200



18.4752, 9.5245, 0.8647



1.3653, 0.7039, 0.0639

Inverse Universe

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



57.3256, 70.7049, 86.9701



67.4313, 85.7589, 107.6069



47.8738, 51.8012, 83.8195



14.8074, 16.3363, 18.5171



24.1039, 35.2699, 47.9205



1.7812, 2.6064, 3.5412

Previews

White Background



This preview shows how the XYZ color 51.4215, 43.7041, 37.6238 looks on a white background.

Color Contrast Check

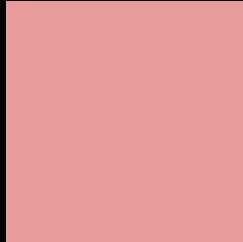
Large Text (above 18pt) WCAG AA × Fail

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 51.4215, 43.7041, 37.6238 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 51.4215, 43.7041, 37.6238

Background



This preview shows how black text looks on a background with the XYZ color 51.4215, 43.7041, 37.6238.



This preview shows how white text looks on a background with the XYZ color 51.4215, 43.7041,

37.6238.

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

51.4215, 43.7041, 37.6238

Protanopia

41.7918, 43.7858, 42.8081

Deuteranopia

44.6482, 43.6726, 37.0868



Tritanopia

52.3007, 43.5563, 42.2099

Trichromacy



Original Color

51.4215, 43.7041, 37.6238

Protanomaly

44.6182, 43.2996, 40.6564

Deuteranomaly

46.8965, 43.4567, 37.3688

Tritanomaly

52.1036, 43.7449, 40.3478

Monochromacy



Original Color

51.4215, 43.7041, 37.6238

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.2023, 44.0719, 44.6524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4215, 43.7041, 37.6238 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(232, 157, 157)` looks like.

```
.text, #text, p{  
    color:rgb(232, 157, 157)  
}
```

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(232, 157, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 157, 157) }
```

Border

The CSS property to change the border of an element to XYZ 51.4215, 43.7041, 37.6238 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(232, 157, 157) }
```


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

```
.border{ border-color:rgb(232, 157, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 157, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 157, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 157, 157);  
box-shadow:4px 4px 4px 4px rgb(232, 157,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4215, 43.7041, 37.6238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 157, 157) }
```

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

```
.background{ background-color: rgb(232,  
157, 157) }
```

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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