

Converting Colors

XYZ(55.2576, 43.6487, 60.3374)

Have a look what the booklet for
XYZ(55.2576, 43.6487, 60.3374)
contains.

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Color

**XYZ(55.4236, 43.7958,
60.1759)**

Conversions

Conversions Part 1

Format	Color
Hex	EA97C8
RGB	234, 151, 200
RGB Percent	92%, 59%, 78%
CMY	0.0824, 0.4078, 0.2157
CMYK	0.00, 0.35, 0.15, 0.08
HSL	325°, 66%, 75%
HSV	325°, 35%, 92%
XYZ	55.4236, 43.7958, 60.1759
YIQ	181.4030, 33.7390, 32.8350

Conversions

Conversions Part 2

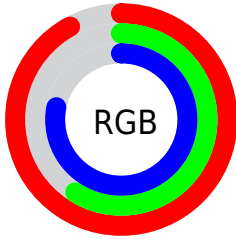
Format	Color
R_{YB}	234, 151, 200
Decimal	15374280
CIE _{Lab}	72.09, 38.02, -12.25
CIE _{LCh}	72, 39.941, 342.145
Yxy	43.7958, 0.3477, 0.2748
Android (android.graphics.Color)	4293564360 (0xFFEA97C8)
YUV	181.4030, 9.1683, 46.1276
Hunter-Lab	66.1784, 33.6794, -7.5874

Details

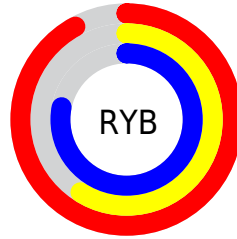
The XYZ color **55.4236, 43.7958, 60.1759** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **50.9441, 68.9289, 56.5216**, and the grayscale version is **44.0794, 46.3749, 50.5023**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **27.6875, 20.1578, 29.6257** is the 20% darker color. If you saturate the color by 10%, you get **50.9394, 36.5641, 53.3261**, and if you desaturate by 10%, it is **60.7280, 52.5543, 67.6467**.

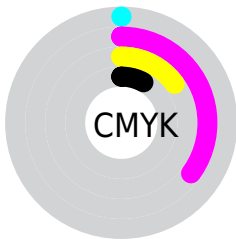
Distribution



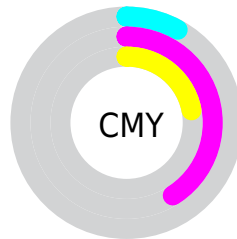
- Red (92%)
- Green (59%)
- Blue (78%)



- Red (92%)
- Yellow (59%)
- Blue (78%)



- Cyan (0%)
- Magenta (35%)
- Yellow (15%)
- Black (8%)





- Cyan (8%)
- Magenta (41%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4236, 43.7958, 60.1759 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 55.4236, 43.7958, 60.1759 by changing the saturation by 10% instead.


 55.4236, 43.7958,
60.1759


 55.4236, 43.7958,
60.1759


397.6260,
361.8743, 443.0685

 39.9762, 30.5100,
43.1342

 97.3060, 80.9104,
106.6307

 27.7041, 20.2260,
29.6582


 124.4717,
105.5080, 136.8808

 18.2420, 12.5594,
19.3295


156.2742,
134.6449, 172.3709

 11.2246, 7.1259,
11.7294

193.0788,
168.7057, 213.5193

 6.2865, 3.5410,
6.4394

235.2510,
208.0746, 260.7448

 3.0624, 1.4202,
3.0410

283.1560,

 1.1868, 0.2316,

253.1361, 314.4658

1.1156

337.1592,
304.2745, 375.1008

■ 0.0959, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4236, 43.7958,
60.1759

■ 55.4236, 43.7958,
60.1759

■ 50.9394, 36.5641,
53.3261

■ 60.7280, 52.5543,
67.6467

■ 47.2259, 30.7638,
47.0730

■ 66.8907, 62.9157,
75.7558

■ 44.2338, 26.2981,
41.3942

■ 73.9521, 74.9580,
84.5233

■ 41.9063, 23.0555,
36.2641

■ 81.9487, 88.7527,
93.9670

■ 40.1774, 20.9062,
31.6538

■ 86.6245, 95.7856,
102.6740

■ 38.9660, 19.6905,
27.5292

■ 87.7419, 96.2325,
108.5580

■ 38.5295, 19.3316,
25.7985

Harmonies

Analogous

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



51.0778, 43.7958, 81.3721



55.4236, 43.7958, 60.1759



55.8345, 43.7958, 40.2010

Triad

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



55.4236, 43.7958, 60.1759



38.9236, 43.7958, 19.5526



32.6268, 43.7958, 77.6465

Complementary

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



55.4236, 43.7958, 60.1759



50.9441, 68.9289, 56.5216

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.



30.0599, 43.7958, 56.0472



55.4236, 43.7958, 60.1759



33.4197, 43.7958, 24.8778

Square

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



55.4236, 43.7958, 60.1759



45.7855, 43.7958, 20.0929



30.3333, 43.7958, 37.0565



37.7275, 43.7958, 93.2059

Rectangle

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



55.4236, 43.7958, 60.1759



53.7689, 43.7958, 30.3396



30.3333, 43.7958, 37.0565



31.4655, 43.7958, 70.6342

Sweetspot

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



55.4249, 43.7978, 60.1768



84.9501, 82.6727, 96.6777



45.7350, 38.2912, 82.8229



17.9367, 17.2764, 20.3853



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.



55.4249, 43.7978, 60.1768



63.0619, 46.2751, 66.6338



51.2840, 42.1415, 38.3711



15.4386, 15.2033, 17.5949



21.7154, 10.8888, 14.8343



1.7528, 0.8741, 1.4154

Inverse Universe

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



55.4249, 43.7978, 60.1768



63.0619, 46.2751, 66.6338



55.8731, 70.9005, 82.4771



15.4386, 15.2033, 17.5949



21.7154, 10.8888, 14.8343



1.7528, 0.8741, 1.4154

Previews

White Background



This preview shows how the XYZ color 55.4236, 43.7958, 60.1759 looks on a white background.

Color Contrast Check

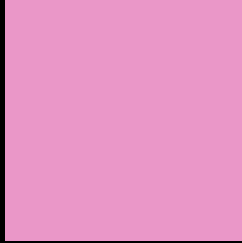
Large Text (above 18pt) WCAG AA × Fail

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 55.4236, 43.7958, 60.1759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

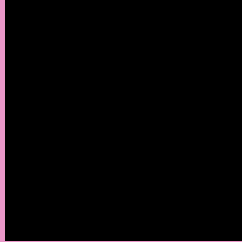
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4236, 43.7958, 60.1759

Background



This preview shows how black text looks on a background with the XYZ color 55.4236, 43.7958, 60.1759.



This preview shows how white text looks on a background with the XYZ color 55.4236, 43.7958,

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

55.4236, 43.7958, 60.1759

Protanopia

43.8731, 43.9426, 71.1352

Deuteranopia

44.9660, 43.9297, 58.3339



Tritanopia

51.8515, 43.8015, 43.2578

Trichromacy



Original Color

55.4236, 43.7958, 60.1759



Protanomaly

47.0073, 43.1320, 66.8205



Deuteranomaly

47.9821, 43.2786, 58.6480



Tritanomaly

52.9146, 43.7269, 48.8313

Monochromacy



Original Color

55.4236, 43.7958, 60.1759



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.2712, 44.6597, 53.7057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4236, 43.7958, 60.1759 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(234, 151, 200)` looks like.

```
.text, #text, p{  
    color:rgb(234, 151, 200)  
}
```

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(234, 151, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 151, 200) }
```

Border

The CSS property to change the border of an element to XYZ 55.4236, 43.7958, 60.1759 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(234, 151, 200) }
```


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

```
.border{ border-color:rgb(234, 151, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 151, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 151, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 151, 200);  
box-shadow:4px 4px 4px 4px rgb(234, 151,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4236, 43.7958, 60.1759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 151, 200) }
```

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

```
.background{ background-color: rgb(234,  
151, 200) }
```

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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