

Converting Colors

XYZ(51.3977, 42.3393, 39.2815)

Have a look what the booklet for
XYZ(51.3977, 42.3393, 39.2815)
contains.

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Color

**XYZ(51.5929, 42.5221,
39.2066)**

Conversions

Conversions Part 1

Format	Color
Hex	EA98A1
RGB	234, 152, 161
RGB Percent	92%, 60%, 63%
CMY	0.0824, 0.4039, 0.3686
CMYK	0.00, 0.35, 0.31, 0.08
HSL	353°, 66%, 76%
HSV	353°, 35%, 92%
XYZ	51.5929, 42.5221, 39.2066
YIQ	177.5440, 45.9830, 20.1830

Conversions

Conversions Part 2

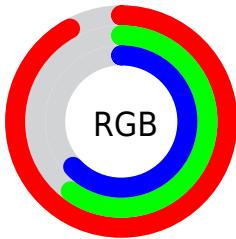
Format	Color
RYB	234, 152, 161
Decimal	15374497
CIELab	71.23, 31.88, 8.11
CIELCh	71, 32.895, 14.272
Yxy	42.5221, 0.3870, 0.3189
Android (android.graphics.Color)	4293564577 (0xFFEA98A1)
YUV	177.5440, -8.1562, 49.5119
Hunter-Lab	65.2090, 27.1123, 9.9984

Details

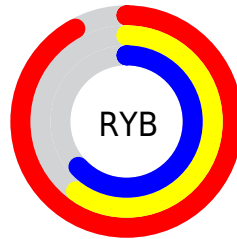
The XYZ color **51.5929, 42.5221, 39.2066** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.9641, 70.9581, 81.9844**, and the grayscale version is **42.1018, 44.2944, 48.2366**.

A 20% lighter version of the original color is **75.9475, 70.8435, 74.6370**, and **25.2761, 19.4702, 17.1778** is the 20% darker color. If you saturate the color by 10%, you get **46.4762, 34.9878, 29.1798**, and if you desaturate by 10%, it is **57.7672, 51.6813, 51.0970**.

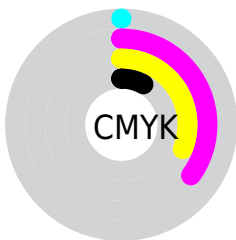
Distribution



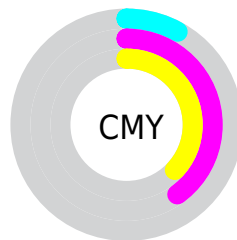
- Red (92%)
- Green (60%)
- Blue (63%)



- Red (92%)
- Yellow (60%)
- Blue (63%)



- Cyan (0%)
- Magenta (35%)
- Yellow (31%)
- Black (8%)





- Cyan (8%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5929, 42.5221, 39.2066 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 51.5929, 42.5221, 39.2066 by changing the saturation by 10% instead.


 51.5929, 42.5221,
39.2066


 51.5929, 42.5221,
39.2066

383.2128,
356.6427, 358.2202

 36.9036, 29.5103,
26.6114


 91.7084, 78.9892,
75.1776

 25.3062, 19.4672,
17.0517


 117.8653,
103.2133, 99.3906

 16.4353, 12.0084,
10.1090


148.5755,
131.9436, 128.3132

 9.9255, 6.7494,
5.3648

184.2043,
165.5646, 162.3640

 5.4115, 3.3059,
2.4004

225.1170,
204.4606, 201.9616

 2.5279, 1.2934,
0.7867

271.6791,

 0.9093, 0.1361,

249.0160, 247.5245

0.0000

324.2559,
299.6153, 299.4712

■ 0.0000, 0.0000,
0.0000

■ 51.5929, 42.5221,
39.2066

■ 51.5929, 42.5221,
39.2066

■ 46.4762, 34.9878,
29.1798

■ 57.7672, 51.6813,
51.0970

■ 42.3542, 28.9776,
20.9195

■ 65.0504, 62.5461,
64.9362

■ 39.1628, 24.3892,
14.3235

■ 73.4946, 75.1993,
80.8073

■ 36.8286, 21.1050,
9.2783

■ 83.1475, 89.7165,
98.7879

■ 35.2673, 18.9886,
5.6559

■ 87.7417, 96.2324,
108.5580

■ 34.3769, 17.8733,
3.3074

■ 34.1145, 17.5655,
2.5505

Harmonies

Analogous

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



51.5108, 42.5221, 55.0328



51.5929, 42.5221, 39.2066



48.4975, 42.5221, 28.1652

Triad

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



51.5929, 42.5221, 39.2066



33.4540, 42.5221, 27.7748



37.6080, 42.5221, 82.1310

Complementary

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



51.5929, 42.5221, 39.2066



55.9641, 70.9581, 81.9844

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.



33.2862, 42.5221, 70.9095



51.5929, 42.5221, 39.2066



31.0410, 42.5221, 38.5425

Square

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



51.5929, 42.5221, 39.2066



37.8569, 42.5221, 22.6566



30.9824, 42.5221, 54.1997



43.0878, 42.5221, 82.4243

Rectangle

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



51.5929, 42.5221, 39.2066



45.1981, 42.5221, 23.9693



30.9824, 42.5221, 54.1997



35.9837, 42.5221, 79.4148

Sweetspot

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



51.5940, 42.5241, 39.2074



82.9822, 81.8855, 86.3148



56.9557, 44.3157, 83.3938



17.4695, 17.0895, 17.9250



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.



51.5940, 42.5241, 39.2074



58.1287, 44.9343, 38.7065



56.6235, 53.8072, 37.1099



15.1326, 15.0809, 15.9838



19.1928, 9.8798, 1.5508



1.5295, 0.7847, 0.2396

Inverse Universe

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



51.5940, 42.5241, 39.2074



58.1287, 44.9343, 38.7065



49.0556, 55.1251, 85.8966



15.1326, 15.0809, 15.9838



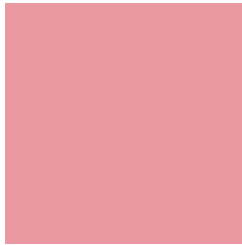
19.1928, 9.8798, 1.5508



1.5295, 0.7847, 0.2396

Previews

White Background



This preview shows how the XYZ color 51.5929, 42.5221, 39.2066 looks on a white background.

Color Contrast Check

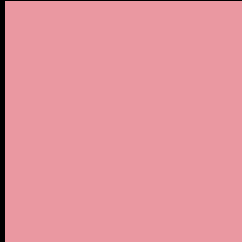
Large Text (above 18pt) WCAG AA × Fail

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 51.5929, 42.5221, 39.2066 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 51.5929, 42.5221, 39.2066

Background



This preview shows how black text looks on a background with the XYZ color 51.5929, 42.5221, 39.2066.



This preview shows how white text looks on a background with the XYZ color 51.5929, 42.5221,

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

51.5929, 42.5221, 39.2066

Protanopia

41.0390, 42.7542, 45.6246

Deuteranopia

43.6482, 42.8503, 38.3182



Tritanopia

51.7708, 42.5932, 40.1430

Trichromacy



Original Color

51.5929, 42.5221, 39.2066

Protanomaly

44.0864, 42.1428, 43.3469

Deuteranomaly

46.2192, 42.5465, 38.5772

Tritanomaly

51.6815, 42.5575, 39.6729

Monochromacy



Original Color

51.5929, 42.5221, 39.2066

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.9231, 43.3603, 45.0314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5929, 42.5221, 39.2066 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, 152, 161)` looks like.

```
.text, #text, p{  
    color:rgb(234, 152, 161)  
}
```

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, 152, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 152, 161) }
```

Border

The CSS property to change the border of an element to XYZ 51.5929, 42.5221, 39.2066 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, 152, 161) }
```


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

```
.border{ border-color:rgb(234, 152, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 152, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 152, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 152, 161);  
box-shadow:4px 4px 4px 4px rgb(234, 152,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5929, 42.5221, 39.2066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 152, 161) }
```

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

```
.background{ background-color: rgb(234,  
152, 161) }
```

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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