

Converting Colors

XYZ(51.7930, 42.1791, 36.7292)

Have a look what the booklet for
XYZ(51.7930, 42.1791, 36.7292)
contains.

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Color

**XYZ(51.8321, 42.2175,
36.8694)**

Conversions

Conversions Part 1

Format	Color
Hex	ED969C
RGB	237, 150, 156
RGB Percent	93%, 59%, 61%
CMY	0.0706, 0.4117, 0.3882
CMYK	0.00, 0.37, 0.34, 0.07
HSL	356°, 71%, 76%
HSV	356°, 37%, 93%
XYZ	51.8321, 42.2175, 36.8694
YIQ	176.6970, 49.9260, 20.3100

Conversions

Conversions Part 2

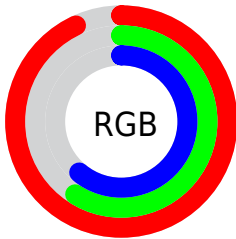
Format	Color
R_{YB}	237, 150, 156
Decimal	15570588
CIE _{Lab}	71.02, 33.41, 10.63
CIE _{LCh}	71, 35.061, 17.657
Yxy	42.2175, 0.3959, 0.3225
Android (android.graphics.Color)	4293760668 (0xFFED969C)
YUV	176.6970, -10.2036, 52.8857
Hunter-Lab	64.9750, 28.6875, 11.8390

Details

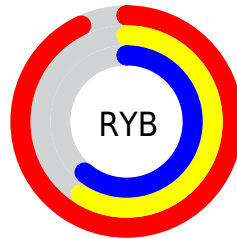
The XYZ color **51.8321, 42.2175, 36.8694** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.2876, 72.8228, 86.6420**, and the grayscale version is **41.6655, 43.8354, 47.7367**.

A 20% lighter version of the original color is **74.7042, 69.5758, 70.4649**, and **25.5079, 19.3390, 15.7530** is the 20% darker color. If you saturate the color by 10%, you get **46.7236, 34.7241, 26.7700**, and if you desaturate by 10%, it is **58.0471, 51.3803, 49.0132**.

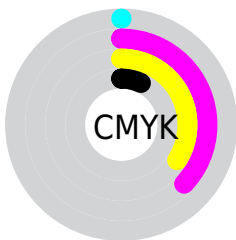
Distribution



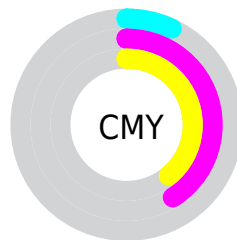
- Red (93%)
- Green (59%)
- Blue (61%)



- Red (93%)
- Yellow (59%)
- Blue (61%)



- Cyan (0%)
- Magenta (37%)
- Yellow (34%)
- Black (7%)





- Cyan (7%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.8321, 42.2175, 36.8694 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 51.8321, 42.2175, 36.8694 by changing the saturation by 10% instead.


 51.8321, 42.2175,
36.8694

 51.8321, 42.2175,
36.8694


384.1227,
355.3838, 347.8964

 37.0950, 29.2716,
24.8114


 92.0593, 78.5287,
71.5560

 25.4551, 19.2864,
15.7189


 118.2800,
102.6628, 95.0216

 16.5469, 11.8774,
9.1732

149.0594,
131.2952, 123.1268

 10.0053, 6.6603,
4.7560

184.7627,
164.8101, 156.2903

 5.4648, 3.2506,
2.0486

225.7554,
203.5920, 194.9304

 2.5600, 1.2639,
0.5849

272.4027,

 0.9256, 0.1130,

248.0254, 239.4658

0.0000

325.0700,
298.4945, 290.3149

■ 0.0000, 0.0000,
0.0000

■ 51.8321, 42.2175,
36.8694

■ 51.8321, 42.2175,
36.8694

■ 46.7236, 34.7241,
26.7700

■ 58.0471, 51.3803,
49.0132

■ 42.6535, 28.7938,
18.6002

■ 65.4248, 62.2982,
63.3026

■ 39.5512, 24.3178,
12.2376

■ 74.0214, 75.0583,
79.8353

■ 37.3363, 21.1706,
7.5448

■ 83.8888, 89.7401,
98.7019

■ 35.9149, 19.2058,
4.3646

■ 88.7350, 96.7445,
108.6045

■ 35.1705, 18.2383,
2.5091

■ 35.0211, 18.0429,
2.1401

Harmonies

Analogous

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



52.1530, 42.2175, 53.2062



51.8321, 42.2175, 36.8694



48.1929, 42.2175, 26.0259

Triad

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



51.8321, 42.2175, 36.8694



32.3709, 42.2175, 27.4988



37.7689, 42.2175, 85.1822

Complementary

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



51.8321, 42.2175, 36.8694



57.2876, 72.8228, 86.6420

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.



33.0144, 42.2175, 74.1377



51.8321, 42.2175, 36.8694



30.1074, 42.2175, 39.4174

Square

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



51.8321, 42.2175, 36.8694



36.8093, 42.2175, 21.5903



30.3309, 42.2175, 56.4517



43.6372, 42.2175, 84.0208

Rectangle

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



51.8321, 42.2175, 36.8694



44.5578, 42.2175, 22.1394



30.3309, 42.2175, 56.4517



35.9991, 42.2175, 82.6808

Sweetspot

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



51.8332, 42.2196, 36.8702



82.8219, 81.8214, 85.4710



58.7465, 44.7109, 85.6545



17.4317, 17.0744, 17.7258



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.



51.8332, 42.2196, 36.8702



56.5804, 43.0641, 34.4092



58.0430, 55.4315, 36.4970



15.1076, 15.0709, 15.8518



19.1371, 9.8575, 1.2574



1.5175, 0.7800, 0.1765

Inverse Universe

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



51.8332, 42.2196, 36.8702



56.5804, 43.0641, 34.4092



48.6939, 54.2571, 88.0269



15.1076, 15.0709, 15.8518



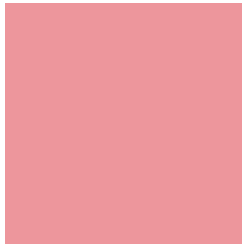
19.1371, 9.8575, 1.2574



1.5175, 0.7800, 0.1765

Previews

White Background



This preview shows how the XYZ color 51.8321, 42.2175, 36.8694 looks on a white background.

Color Contrast Check

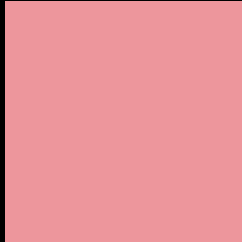
Large Text (above 18pt) WCAG AA × Fail

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 51.8321, 42.2175, 36.8694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

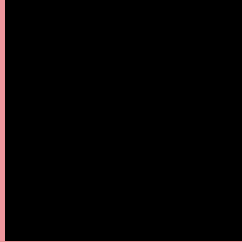
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8321, 42.2175, 36.8694

Background



This preview shows how black text looks on a background with the XYZ color 51.8321, 42.2175, 36.8694.



This preview shows how white text looks on a background with the XYZ color 51.8321, 42.2175,

36.8694.

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

51.8321, 42.2175, 36.8694

Protanopia

40.8879, 42.7204, 43.6270

Deuteranopia

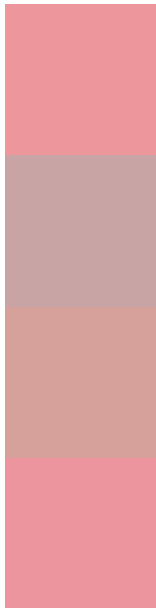
43.3056, 42.4473, 36.0477



Tritanopia

52.0177, 42.0375, 38.6301

Trichromacy



Original Color

51.8321, 42.2175, 36.8694

Protanomaly

43.9754, 41.8700, 40.8859

Deuteranomaly

46.0182, 41.9690, 36.2472

Tritanomaly

51.9305, 42.0026, 38.1712

Monochromacy



Original Color

51.8321, 42.2175, 36.8694

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

44.5333, 42.6441, 43.4201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8321, 42.2175, 36.8694 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(237, 150, 156)` looks like.

```
.text, #text, p{  
    color:rgb(237, 150, 156)  
}
```

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(237, 150, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 150, 156) }
```

Border

The CSS property to change the border of an element to XYZ 51.8321, 42.2175, 36.8694 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(237, 150, 156) }
```


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

```
.border{ border-color:rgb(237, 150, 156) }
```

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

Here you see how a box with a 4 pixel rgb(237, 150, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 150, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 150, 156);  
box-shadow:4px 4px 4px 4px rgb(237, 150,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8321, 42.2175, 36.8694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 150, 156) }
```

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

```
.background{ background-color: rgb(237,  
150, 156) }
```

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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