

Converting Colors

XYZ(51.2518, 41.5933, 36.6414)

Have a look what the booklet for
XYZ(51.2518, 41.5933, 36.6414)
contains.

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Color

**XYZ(51.3403, 41.7281,
36.8009)**

Conversions

Conversions Part 1

Format	Color
Hex	EC959C
RGB	236, 149, 156
RGB Percent	93%, 58%, 61%
CMY	0.0745, 0.4157, 0.3882
CMYK	0.00, 0.37, 0.34, 0.07
HSL	355°, 70%, 75%
HSV	355°, 37%, 93%
XYZ	51.3403, 41.7281, 36.8009
YIQ	175.8110, 49.6050, 20.6210

Conversions

Conversions Part 2

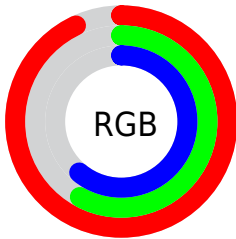
Format	Color
R _Y B	236, 149, 156
Decimal	15504796
CIE Lab	70.68, 33.57, 10.14
CIE LCh	71, 35.066, 16.807
Yxy	41.7281, 0.3953, 0.3213
Android (android.graphics.Color)	4293694876 (0xFFEC959C)
YUV	175.8110, -9.7668, 52.7858
Hunter-Lab	64.5973, 28.8220, 11.4408

Details

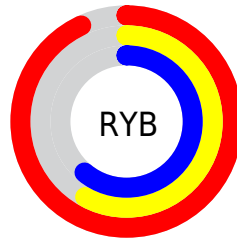
The XYZ color **51.3403, 41.7281, 36.8009** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.5347, 72.0386, 85.0578**, and the grayscale version is **41.2006, 43.3463, 47.2041**.

A 20% lighter version of the original color is **74.4657, 69.0989, 70.3854**, and **25.1846, 19.0343, 15.7112** is the 20% darker color. If you saturate the color by 10%, you get **46.3012, 34.3328, 26.8502**, and if you desaturate by 10%, it is **57.4665, 50.7717, 48.7347**.

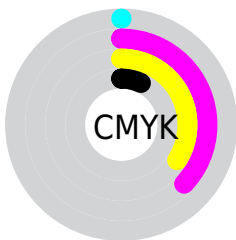
Distribution



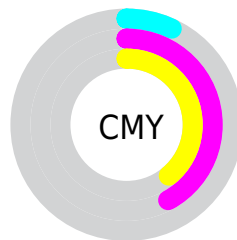
- Red (93%)
- Green (58%)
- Blue (61%)



- Red (93%)
- Yellow (58%)
- Blue (61%)



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





- Cyan (7%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3403, 41.7281, 36.8009 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 51.3403, 41.7281, 36.8009 by changing the saturation by 10% instead.


 51.3403, 41.7281,
36.8009


 51.3403, 41.7281,
36.8009


382.2504,
353.3546, 347.5904

 36.7016, 28.8884,
24.7588

 91.3376, 77.7879,
71.4494

 25.1492, 18.9964,
15.6801


 117.4270,
101.7769, 94.8928

 16.3176, 11.6677,
9.1461

148.0639,
130.2512, 122.9738

 9.8414, 6.5178,
4.7385

183.6139,
163.5950, 156.1108

 5.3554, 3.1624,
2.0386

224.4421,
202.1929, 194.7224

 2.4941, 1.2171,
0.5789

270.9141,

 0.8923, 0.0756,

246.4292, 239.2272

0.0000

323.3950,
296.6883, 290.0437

■ 0.0000, 0.0000,
0.0000

■ 51.3403, 41.7281,
36.8009

■ 51.3403, 41.7281,
36.8009

■ 46.3012, 34.3328,
26.8502

■ 57.4665, 50.7717,
48.7347

■ 42.2824, 28.4808,
18.7727

■ 64.7347, 61.5483,
62.7484

■ 39.2149, 24.0645,
12.4516

■ 73.2001, 74.1440,
78.9356

■ 37.0198, 20.9601,
7.7559

■ 82.9136, 88.6372,
97.3831

■ 35.6053, 19.0224,
4.5364

■ 88.4021, 96.5729,
108.5889

■ 34.8566, 18.0673,
2.6150

■ 34.7095, 17.8798,
2.2368

Harmonies

Analogous

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



51.5571, 41.7281, 53.1319



51.3403, 41.7281, 36.8009



47.8061, 41.7281, 25.8800

Triad

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



51.3403, 41.7281, 36.8009



32.0645, 41.7281, 26.8723



37.1668, 41.7281, 84.2259

Complementary

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



51.3403, 41.7281, 36.8009



56.5347, 72.0386, 85.0578

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.



32.4985, 41.7281, 72.9661



51.3403, 41.7281, 36.8009



29.7524, 41.7281, 38.5195

Square

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



51.3403, 41.7281, 36.8009



36.5193, 41.7281, 21.1814



29.9031, 41.7281, 55.3234



42.9785, 41.7281, 83.4408

Rectangle

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



51.3403, 41.7281, 36.8009



44.2237, 41.7281, 21.9226



29.9031, 41.7281, 55.3234



35.4240, 41.7281, 81.6266

Sweetspot

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



51.3414, 41.7301, 36.8017



82.8670, 81.8394, 85.7082



58.1224, 44.1701, 84.8193



17.4423, 17.0786, 17.7818



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.



51.3414, 41.7301, 36.8017



56.6853, 43.1061, 34.9618



57.4195, 54.8072, 35.9889



15.1146, 15.0737, 15.8889



19.1509, 9.8630, 1.3300



1.5209, 0.7813, 0.1943

Inverse Universe

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



51.3414, 41.7301, 36.8017



56.6853, 43.1061, 34.9618



48.1330, 53.6404, 87.1737



15.1146, 15.0737, 15.8889



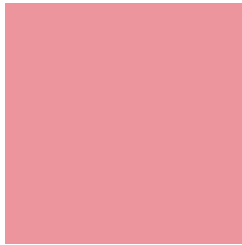
19.1509, 9.8630, 1.3300



1.5209, 0.7813, 0.1943

Previews

White Background



This preview shows how the XYZ color 51.3403, 41.7281, 36.8009 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 51.3403, 41.7281, 36.8009 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 51.3403, 41.7281, 36.8009

Background



This preview shows how black text looks on a background with the XYZ color 51.3403, 41.7281, 36.8009.



This preview shows how white text looks on a background with the XYZ color 51.3403, 41.7281,

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

51.3403, 41.7281, 36.8009

Protanopia

40.2365, 42.0988, 43.5413

Deuteranopia

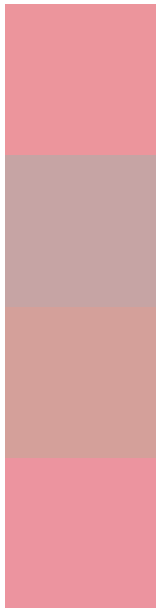
42.8572, 41.9431, 35.9740



Tritanopia

51.5271, 41.5507, 38.5620

Trichromacy



Original Color

51.3403, 41.7281, 36.8009

Protanomaly

43.2650, 41.2370, 40.8012

Deuteranomaly

45.5549, 41.4718, 36.1757

Tritanomaly

51.4400, 41.5159, 38.1031

Monochromacy



Original Color

51.3403, 41.7281, 36.8009

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

44.0864, 42.1428, 43.3469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3403, 41.7281, 36.8009 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(236, 149, 156)` looks like.

```
.text, #text, p{  
    color:rgb(236, 149, 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(236, 149, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 149, 156) }
```

Border

The CSS property to change the border of an element to XYZ 51.3403, 41.7281, 36.8009 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(236, 149, 156) }
```


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

```
.border{ border-color:rgb(236, 149, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 149, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 149, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 149, 156);  
box-shadow:4px 4px 4px 4px rgb(236, 149,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3403, 41.7281, 36.8009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 149, 156) }
```

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

```
.background{ background-color: rgb(236,  
149, 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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