

Converting Colors

XYZ(51.8018, 40.8755, 41.3219)

Have a look what the booklet for
XYZ(51.8018, 40.8755, 41.3219)
contains.

XYZ(51.9334, 41.0085, 41.2546)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.9334, 41.0085,
41.2546)**

Conversions

Conversions Part 1

Format	Color
Hex	ED91A6
RGB	237, 145, 166
RGB Percent	93%, 57%, 65%
CMY	0.0706, 0.4313, 0.3490
CMYK	0.00, 0.39, 0.30, 0.07
HSL	346°, 72%, 75%
HSV	346°, 39%, 93%
XYZ	51.9334, 41.0085, 41.2546
YIQ	174.9020, 48.0910, 26.0350

Conversions

Conversions Part 2

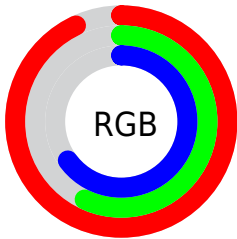
Format	Color
R _Y B	237, 145, 166
Decimal	15569318
CIE Lab	70.18, 37.29, 3.87
CIE LCh	70, 37.491, 5.921
Yxy	41.0085, 0.3870, 0.3056
Android (android.graphics.Color)	4293759398 (0xFFED91A6)
YUV	174.9020, -4.3887, 54.4599
Hunter-Lab	64.0379, 32.6935, 6.6306

Details

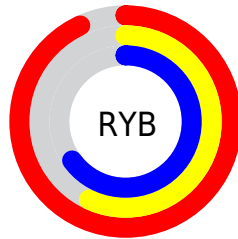
The XYZ color **51.9334, 41.0085, 41.2546** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.3578, 71.5470, 75.9146**, and the grayscale version is **40.7025, 42.8222, 46.6334**.

A 20% lighter version of the original color is **74.9454, 67.7890, 77.5411**, and **25.5420, 18.6273, 18.1688** is the 20% darker color. If you saturate the color by 10%, you get **47.1221, 33.8828, 31.9531**, and if you desaturate by 10%, it is **57.7409, 49.7443, 52.0665**.

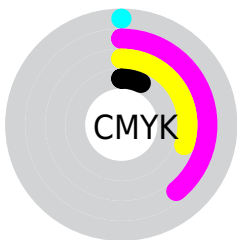
Distribution



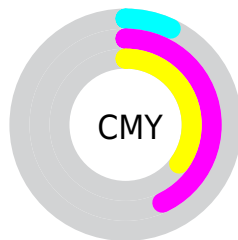
- Red (93%)
- Green (57%)
- Blue (65%)



- Red (93%)
- Yellow (57%)
- Blue (65%)



- Cyan (0%)
- Magenta (39%)
- Yellow (30%)
- Black (7%)





- Cyan (7%)
- Magenta (43%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9334, 41.0085, 41.2546 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 51.9334, 41.0085, 41.2546 by changing the saturation by 10% instead.


 51.9334, 41.0085,
41.2546


 51.9334, 41.0085,
41.2546


384.5076,
350.3561, 367.0917

 37.1760, 28.3257,
28.1969


 92.2078, 76.6968,
78.3281

 25.5181, 18.5713,
18.2338


 118.4556,
100.4711, 103.1810

 16.5943, 11.3610,
10.9468

149.2642,
128.7114, 132.8026

 10.0392, 6.3102,
5.9173

184.9991,
161.8020, 167.6116

 5.4874, 3.0346,
2.7269

226.0255,
200.1274, 208.0265

 2.5736, 1.1498,
0.9569

272.7088,

 0.9325, 0.0201,

244.0720, 254.4657

0.0000

325.4144,
294.0201, 307.3480

■ 0.0000, 0.0000,
0.0000

■ 51.9334, 41.0085,
41.2546

■ 51.9334, 41.0085,
41.2546

■ 47.1221, 33.8828,
31.9531

■ 57.7409, 49.7443,
52.0665

■ 43.2464, 28.2626,
24.0909

■ 64.5940, 60.1745,
64.4504

■ 40.2439, 24.0401,
17.5948

■ 72.5427, 72.3846,
78.4673

■ 38.0431, 21.0909,
12.3837

■ 81.6328, 86.4526,
94.1745

■ 36.5603, 19.2678,
8.3673

■ 88.7352, 96.7446,
108.6045

■ 35.6756, 18.3535,
5.4362

■ 35.5931, 18.2717,
5.1517

Harmonies

Analogous

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



50.7750, 41.0085, 59.9087



51.9334, 41.0085, 41.2546



49.3366, 41.0085, 27.6132

Triad

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



51.9334, 41.0085, 41.2546



32.4557, 41.0085, 22.4926



34.3581, 41.0085, 83.1621

Complementary

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



51.9334, 41.0085, 41.2546



54.3578, 71.5470, 75.9146

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.



30.1802, 41.0085, 67.5594



51.9334, 41.0085, 41.2546



29.1653, 41.0085, 32.2328

Square

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



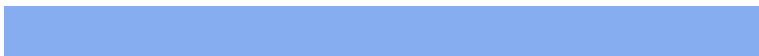
51.9334, 41.0085, 41.2546



37.7725, 41.0085, 18.7648



28.3780, 41.0085, 48.2295



40.2075, 41.0085, 87.4114

Rectangle

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



51.9334, 41.0085, 41.2546



45.9709, 41.0085, 22.1002



28.3780, 41.0085, 48.2295



32.7316, 41.0085, 78.9026

Sweetspot

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



51.9345, 41.0105, 41.2554



82.4813, 80.5778, 87.0914



53.5942, 40.8954, 85.1899



17.3869, 16.8356, 18.1705



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.



51.9345, 41.0105, 41.2554



56.4912, 41.2564, 39.4027



54.3247, 48.6256, 33.3130



15.2063, 15.1104, 16.3715



19.4736, 9.9921, 3.0294



1.5650, 0.7990, 0.4267

Inverse Universe

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



51.9345, 41.0105, 41.2554



56.4912, 41.2564, 39.4027



50.6250, 59.4563, 88.9290



15.2063, 15.1104, 16.3715



19.4736, 9.9921, 3.0294



1.5650, 0.7990, 0.4267

Previews

White Background



This preview shows how the XYZ color 51.9334, 41.0085, 41.2546 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 51.9334, 41.0085, 41.2546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

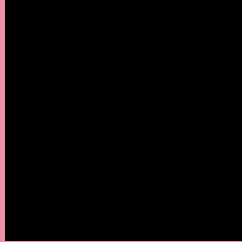
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.9334, 41.0085, 41.2546

Background



This preview shows how black text looks on a background with the XYZ color 51.9334, 41.0085, 41.2546.



This preview shows how white text looks on a background with the XYZ color 51.9334, 41.0085,

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

51.9334, 41.0085, 41.2546

Protanopia

39.9167, 41.2327, 49.5709

Deuteranopia

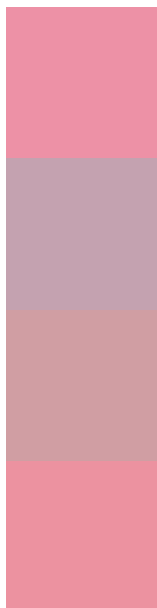
41.8960, 41.0875, 39.9049



Tritanopia

50.9568, 40.8250, 37.0926

Trichromacy



Original Color

51.9334, 41.0085, 41.2546

Protanomaly

43.5218, 40.7110, 46.6385

Deuteranomaly

44.8501, 40.5080, 40.1053

Tritanomaly

51.2161, 40.9287, 38.4584

Monochromacy



Original Color

51.9334, 41.0085, 41.2546

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

44.0106, 41.5352, 44.7272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9334, 41.0085, 41.2546 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, 145, 166)` looks like.

```
.text, #text, p{  
    color:rgb(237, 145, 166)  
}
```

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, 145, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 145, 166) }
```

Border

The CSS property to change the border of an element to XYZ 51.9334, 41.0085, 41.2546 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, 145, 166) }
```


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

```
.border{ border-color:rgb(237, 145, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 145, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 145, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 145, 166);  
box-shadow:4px 4px 4px 4px rgb(237, 145,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9334, 41.0085, 41.2546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 145, 166) }
```

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

```
.background{ background-color: rgb(237,  
145, 166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor