

Converting Colors

XYZ(50.6325, 41.7665, 40.0434)

Have a look what the booklet for
XYZ(50.6325, 41.7665, 40.0434)
contains.

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Color

**XYZ(50.6325, 41.7665,
40.0434)**

Conversions

Conversions Part 1

Format	Color
Hex	E797A3
RGB	231, 151, 163
RGB Percent	91%, 59%, 64%
CMY	0.0941, 0.4078, 0.3608
CMYK	0.00, 0.35, 0.29, 0.09
HSL	351°, 62%, 75%
HSV	351°, 35%, 91%
XYZ	50.6325, 41.7665, 40.0434
YIQ	176.2880, 43.8280, 20.6920

Conversions

Conversions Part 2

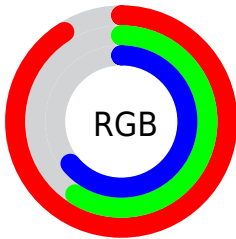
Format	Color
R_{YB}	231, 151, 163
Decimal	15177635
CIE _{Lab}	70.71, 31.57, 6.21
CIE _{LCh}	71, 32.178, 11.123
Yxy	41.7665, 0.3823, 0.3154
Android (android.graphics.Color)	4293367715 (0xFFE797A3)
YUV	176.2880, -6.5510, 47.9824
Hunter-Lab	64.6270, 26.7499, 8.5024

Details

The XYZ color **50.6325, 41.7665, 40.0434** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.1265, 68.8467, 77.4575**, and the grayscale version is **41.4352, 43.5931, 47.4729**.

A 20% lighter version of the original color is **75.9662, 70.4646, 75.9268**, and **24.7866, 19.0700, 17.4134** is the 20% darker color. If you saturate the color by 10%, you get **45.6476, 34.3970, 30.3651**, and if you desaturate by 10%, it is **56.6212, 50.7059, 51.4050**.

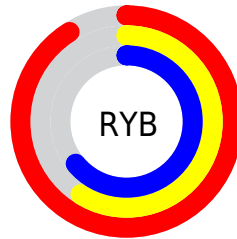
Distribution



Red (91%)

Green (59%)

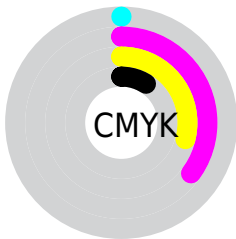
Blue (64%)



Red (91%)

Yellow (59%)

Blue (64%)

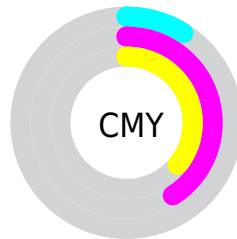


Cyan (0%)

Magenta (35%)

Yellow (29%)

Black (9%)



Cyan (9%)


Magenta (41%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6325, 41.7665, 40.0434 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 50.6325, 41.7665, 40.0434 by changing the saturation by 10% instead.


 50.6325, 41.7665,
40.0434


 50.6325, 41.7665,
40.0434


379.5455,
353.5141, 361.8640

 36.1361, 28.9185,
27.2583


 90.2975, 77.8461,
76.4674

 24.7099, 19.0192,
17.5332


 116.1969,
101.8465, 100.9434

 15.9886, 11.6841,
10.4494


146.6279,
130.3332, 130.1535

 9.6069, 6.5290,
5.5884

181.9559,
163.6905, 164.5162

 5.1994, 3.1693,
2.5318

222.5463,
202.3028, 204.4501

 2.4007, 1.2208,
0.8569

268.7645,

 0.8454, 0.0786,

246.5546, 250.3737

0.0000

320.9758,
296.8302, 302.7054

0.0000, 0.0000,
0.0000

50.6325, 41.7665,
40.0434

50.6325, 41.7665,
40.0434

45.6476, 34.3970,
30.3651

56.6212, 50.7059,
51.4050

41.6079, 28.5010,
22.2872

63.6613, 61.2924,
64.5223

38.4537, 23.9807,
15.7233

71.8014, 73.6053,
79.4667

36.1171, 20.7238,
10.5780

81.0863, 87.7171,
96.3046

34.5201, 18.6006,
6.7446

86.7651, 95.7290,
108.5123

■ 33.5688, 17.4528,
4.1006

■ 33.2531, 17.1082,
3.1117

Harmonies

Analogous

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



50.2117, 41.7665, 55.6541



50.6325, 41.7665, 40.0434



47.9334, 41.7665, 28.7686

Triad

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



50.6325, 41.7665, 40.0434



33.3289, 41.7665, 26.7488



36.4720, 41.7665, 79.3056

Complementary

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



50.6325, 41.7665, 40.0434



54.1265, 68.8467, 77.4575

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.



32.4640, 41.7665, 67.6525



50.6325, 41.7665, 40.0434



30.7647, 41.7665, 36.6223

Square

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



50.6325, 41.7665, 40.0434



37.7524, 41.7665, 22.3200



30.4630, 41.7665, 51.3803



41.7090, 41.7665, 80.8038

Rectangle

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



50.6325, 41.7665, 40.0434



44.8582, 41.7665, 24.3047



30.4630, 41.7665, 51.3803



34.9492, 41.7665, 76.3415

Sweetspot

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



50.6336, 41.7685, 40.0442



84.1521, 83.4774, 89.0109



54.7052, 42.9649, 81.0114



17.7088, 17.4092, 18.4944



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.



50.6336, 41.7685, 40.0442



58.5114, 45.0873, 40.7216



54.6624, 51.4654, 36.3335



14.4646, 14.4030, 15.3811



18.6702, 9.6023, 1.8922



1.4071, 0.7206, 0.2845

Inverse Universe

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



50.6336, 41.7685, 40.0442



58.5114, 45.0873, 40.7216



48.5440, 55.0624, 83.6712



14.4646, 14.4030, 15.3811



18.6702, 9.6023, 1.8922



1.4071, 0.7206, 0.2845

Previews

White Background



This preview shows how the XYZ color 50.6325, 41.7665, 40.0434 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 50.6325, 41.7665, 40.0434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

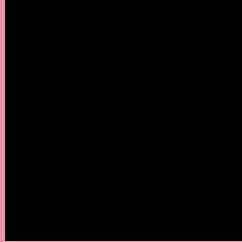
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6325, 41.7665, 40.0434

Background



This preview shows how black text looks on a background with the XYZ color 50.6325, 41.7665, 40.0434.



This preview shows how white text looks on a background with the XYZ color 50.6325, 41.7665,

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

50.6325, 41.7665, 40.0434

Protanopia

40.5859, 42.2124, 46.5661

Deuteranopia

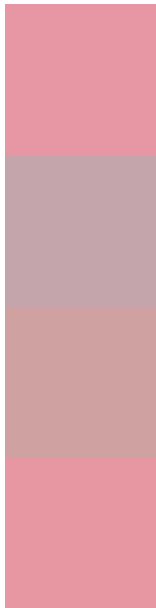
42.6696, 41.7776, 39.0727



Tritanopia

50.5432, 41.7308, 39.5733

Trichromacy



Original Color

50.6325, 41.7665, 40.0434

Protanomaly

43.5708, 41.5863, 44.2586

Deuteranomaly

45.1903, 41.4728, 39.3415

Tritanomaly

50.5432, 41.7308, 39.5733

Monochromacy



Original Color

50.6325, 41.7665, 40.0434

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.9344, 42.3135, 44.3798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6325, 41.7665, 40.0434 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(231, 151, 163)` looks like.

```
.text, #text, p{  
    color:rgb(231, 151, 163)  
}
```

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(231, 151, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 151, 163) }
```

Border

The CSS property to change the border of an element to XYZ 50.6325, 41.7665, 40.0434 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(231, 151, 163) }
```


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

```
.border{ border-color:rgb(231, 151, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 151, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 151, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 151, 163);  
box-shadow:4px 4px 4px 4px rgb(231, 151,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6325, 41.7665, 40.0434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 151, 163) }
```

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

```
.background{ background-color: rgb(231,  
151, 163) }
```

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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