

Converting Colors

XYZ(62.6830, 64.0017, 41.8515)

Have a look what the booklet for
XYZ(62.6830, 64.0017, 41.8515)
contains.

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Color

**XYZ(62.6814, 63.9987,
41.8502)**

Conversions

Conversions Part 1

Format	Color
Hex	ECCD9F
RGB	236, 205, 159
RGB Percent	93%, 80%, 62%
CMY	0.0745, 0.1961, 0.3765
CMYK	0.00, 0.13, 0.33, 0.07
HSL	36°, 67%, 77%
HSV	36°, 33%, 93%
XYZ	62.6814, 63.9987, 41.8502
YIQ	209.0250, 33.2420, -7.7340

Conversions

Conversions Part 2

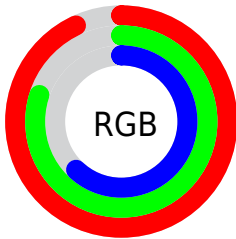
Format	Color
R _Y B	211, 236, 159
Decimal	15519135
CIE Lab	83.97, 4.33, 26.94
CIE LCh	84, 27.284, 80.867
Yxy	63.9987, 0.3719, 0.3797
Android (android.graphics.Color)	4293709215 (0xFFECCD9F)
YUV	209.0250, -24.6623, 23.6571
Hunter-Lab	79.9992, -0.1393, 24.9829

Details

The XYZ color **62.6814, 63.9987, 41.8502** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.8514, 50.2524, 86.5347**, and the grayscale version is **60.7627, 63.9271, 69.6166**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **32.3109, 32.7785, 18.5338** is the 20% darker color. If you saturate the color by 10%, you get **58.6224, 58.8510, 31.3399**, and if you desaturate by 10%, it is **67.2727, 69.5847, 54.4683**.

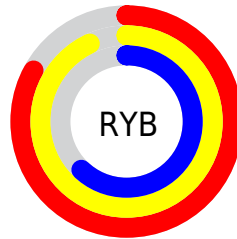
Distribution



Red (93%)

Green (80%)

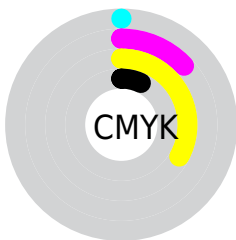
Blue (62%)



Red (83%)

Yellow (93%)

Blue (62%)

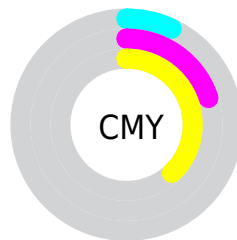


Cyan (0%)

Magenta (13%)

Yellow (33%)

Black (7%)



Cyan (7%)


Magenta (20%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6814, 63.9987, 41.8502 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 62.6814, 63.9987, 41.8502 by changing the saturation by 10% instead.


 62.6814, 63.9987,
41.8502


 62.6814, 63.9987,
41.8502


424.0904,
439.1849, 369.6429

 45.8412, 46.6496,
28.6593


 107.7941,
110.6091, 79.2405

 32.3246, 32.7588,
18.5799


 136.7974,
140.6391, 104.2770

 21.7663, 21.9417,
11.1934


170.5857,
175.6650, 134.0991

 13.8009, 13.8141,
6.0813

209.5244,
216.0710, 169.1254

 8.0631, 7.9915,
2.8250

253.9788,
262.2417, 209.7744

 4.1875, 4.0895,
1.0060

304.3144,

 1.8088, 1.7237,

314.5613, 256.4646

0.0000

360.8965,
373.4142, 309.6146

■ 0.5229, 0.4390,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6814, 63.9987,
41.8502

■ 62.6814, 63.9987,
41.8502

■ 58.6224, 58.8510,
31.3399

■ 67.2727, 69.5847,
54.4683

■ 55.0660, 54.1189,
22.8151

■ 72.4144, 75.6132,
69.2993

■ 51.9868, 49.7906,
16.1469

■ 78.1294, 82.0992,
86.4460

■ 49.3548, 45.8499,
11.1894

■ 84.4379, 89.0545,
106.0034

■ 47.1354, 42.2790,
7.7743

■ 87.6112, 94.9911,
108.3252

■ 45.2876, 39.0568,
5.6987

■ 88.4021, 96.5729,
108.5889

■ 44.1174, 36.8835,
4.7940

Harmonies

Analogous

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



68.4170, 63.9987, 47.0364



62.6814, 63.9987, 41.8502



56.8049, 63.9987, 43.1092

Triad

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



62.6814, 63.9987, 41.8502



50.6576, 63.9987, 82.1492



70.2397, 63.9987, 92.7260

Complementary

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



62.6814, 63.9987, 41.8502



47.8514, 50.2524, 86.5347

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.



65.0385, 63.9987, 105.4066



62.6814, 63.9987, 41.8502



53.8236, 63.9987, 98.6355

Square

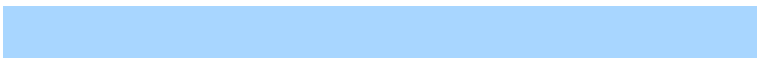
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.6814, 63.9987, 41.8502



50.1183, 63.9987, 64.5620



59.0132, 63.9987, 107.7311



72.9659, 63.9987, 75.0694

Rectangle

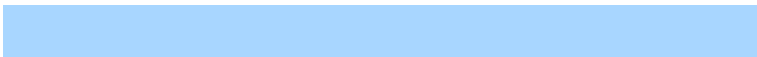
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.6814, 63.9987, 41.8502



53.5769, 63.9987, 47.5337



59.0132, 63.9987, 107.7311



68.7073, 63.9987, 97.8257

Sweetspot

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



62.6830, 64.0017, 41.8515



88.0252, 92.0900, 87.6310



56.4038, 46.3951, 55.3213



18.6418, 19.4827, 18.1657



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.



62.6830, 64.0017, 41.8515



71.4951, 72.2298, 41.4266



68.7533, 79.2485, 44.4745



15.8139, 16.5508, 15.8799



24.4485, 20.5912, 2.6859



2.0136, 1.8046, 0.2422

Inverse Universe

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



47.8514, 50.2524, 86.5347



51.3191, 53.5345, 102.2361



43.1430, 38.8973, 84.5911



14.7289, 15.5442, 19.1463



10.7202, 8.0873, 44.7390



0.9338, 0.8191, 3.5438

Previews

White Background



This preview shows how the XYZ color 62.6814, 63.9987, 41.8502 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 62.6814, 63.9987, 41.8502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

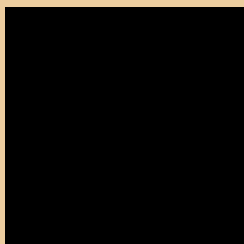
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6814, 63.9987, 41.8502

Background



This preview shows how black text looks on a background with the XYZ color 62.6814, 63.9987, 41.8502.



This preview shows how white text looks on a background with the XYZ color 62.6814, 63.9987,

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

62.6814, 63.9987, 41.8502

Protanopia

59.9740, 64.0214, 42.9146

Deuteranopia

65.2378, 63.9042, 42.1540



Tritanopia

68.8223, 64.0695, 71.6901

Trichromacy



Original Color

62.6814, 63.9987, 41.8502

Protanomaly

60.8959, 64.1438, 42.4291

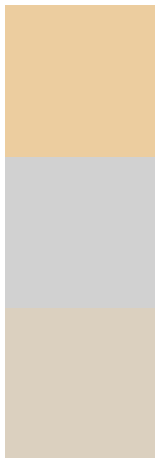
Deuteranomaly

64.0836, 63.6564, 42.1670

Tritanomaly

66.4475, 64.1488, 59.3319

Monochromacy



Original Color

62.6814, 63.9987, 41.8502

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.1733, 63.9334, 58.4064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6814, 63.9987, 41.8502 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, 205, 159)` looks like.

```
.text, #text, p{  
    color:rgb(236, 205, 159)  
}
```

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, 205, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 205, 159) }
```

Border

The CSS property to change the border of an element to XYZ 62.6814, 63.9987, 41.8502 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, 205, 159) }
```


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

```
.border{ border-color:rgb(236, 205, 159) }
```

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

Here you see how a box with a 4 pixel rgb(236, 205, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 205, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 205, 159);  
box-shadow:4px 4px 4px 4px rgb(236, 205,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6814, 63.9987, 41.8502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 205, 159) }
```

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

```
.background{ background-color: rgb(236,  
205, 159) }
```

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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