

Converting Colors

XYZ(61.3844, 64.2162, 34.3596)

Have a look what the booklet for
XYZ(61.3844, 64.2162, 34.3596)
contains.

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Color

**XYZ(61.3815, 64.2109,
34.3581)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCF8D
RGB	235, 207, 141
RGB Percent	92%, 81%, 55%
CMY	0.0784, 0.1882, 0.4471
CMYK	0.00, 0.12, 0.40, 0.08
HSL	42°, 70%, 74%
HSV	42°, 40%, 92%
XYZ	61.3815, 64.2109, 34.3581
YIQ	207.8480, 37.8740, -14.5900

Conversions

Conversions Part 2

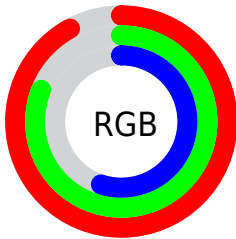
Format	Color
R _Y B	181, 235, 141
Decimal	15454093
CIE Lab	84.08, 0.83, 36.38
CIE LCh	84, 36.392, 88.701
Yxy	64.2109, 0.3838, 0.4014
Android (android.graphics.Color)	4293644173 (0xFFEBCF8D)
YUV	207.8480, -32.9561, 23.8123
Hunter-Lab	80.1317, -3.4981, 30.6704

Details

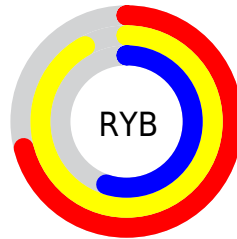
The XYZ color **61.3815, 64.2109, 34.3581** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.1675, 40.0355, 84.2078**, and the grayscale version is **60.0467, 63.1738, 68.7963**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **31.5968, 32.9856, 14.3744** is the 20% darker color. If you saturate the color by 10%, you get **58.1574, 60.2703, 25.5529**, and if you desaturate by 10%, it is **65.0550, 68.4562, 45.1448**.

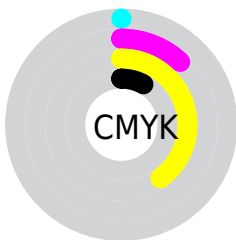
Distribution



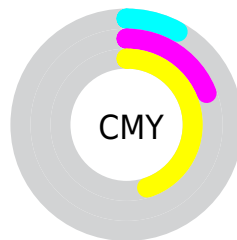
- Red (92%)
- Green (81%)
- Blue (55%)



- Red (71%)
- Yellow (92%)
- Blue (55%)



- Cyan (0%)
- Magenta (12%)
- Yellow (40%)
- Black (8%)



- Cyan (8%)
- Magenta (19%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3815, 64.2109, 34.3581 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 61.3815, 64.2109, 34.3581 by changing the saturation by 10% instead.

61.3815, 64.2109,
34.3581

61.3815, 64.2109,
34.3581

419.4250,
439.9508, 336.5436

44.7868, 46.8215,
22.8893

105.9261,
110.9146, 67.6304

31.4901, 32.8946,
14.3072

134.6068,
140.9977, 90.2709

21.1260, 22.0457,
8.1935

168.0468,
176.0809, 117.4725

13.3291, 13.8905,
4.1294

206.6116,
216.5484, 149.6535

7.7341, 8.0445,
1.6966

250.6664,
262.7848, 187.2326

3.9757, 4.1235,
0.3584

300.5767,

1.6884, 1.7429,

315.1744, 230.6283

0.0000

356.7078,
374.1016, 280.2591

■ 0.4490, 0.4512,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3815, 64.2109,
34.3581

■ 61.3815, 64.2109,
34.3581

■ 58.1574, 60.2703,
25.5529

■ 65.0550, 68.4562,
45.1448

■ 55.3533, 56.6142,
18.6004


■ 69.1956, 73.0077,
58.0231


■ 52.9434, 53.2328,
13.3623


■ 73.8258, 77.8784,
73.0996


■ 50.8965, 50.1122,
9.6796


■ 78.9651, 83.0774,
90.4725


 49.1756, 47.2360,
7.3629

 84.0628, 88.3860,
107.2374

 47.7186, 44.5776,
6.0893

 86.1860, 92.6322,
107.9451

 47.7185, 44.5773,
6.0892

 88.0709, 96.4022,
108.5734

Harmonies

Analogous

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



69.4121, 64.2109, 38.5178



61.3815, 64.2109, 34.3581



53.9090, 64.2109, 37.8475

Triad

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



61.3815, 64.2109, 34.3581



48.4595, 64.2109, 93.3839



75.2035, 64.2109, 95.5072

Complementary

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



61.3815, 64.2109, 34.3581



40.1675, 40.0355, 84.2078

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.



68.7532, 64.2109, 116.3394



61.3815, 64.2109, 34.3581



53.3524, 64.2109, 114.9363

Square

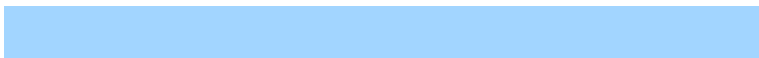
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.3815, 64.2109, 34.3581



46.8537, 64.2109, 68.9163



60.6809, 64.2109, 124.1229



77.8124, 64.2109, 70.9228

Rectangle

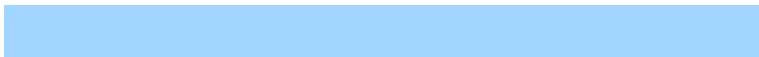
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.3815, 64.2109, 34.3581



50.1458, 64.2109, 44.5935



60.6809, 64.2109, 124.1229



73.3863, 64.2109, 103.3647

Sweetspot

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



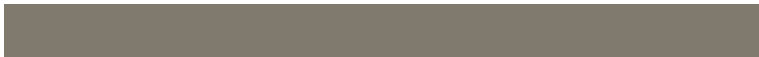
61.3831, 64.2139, 34.3594



87.6702, 92.5063, 84.0406



50.9665, 39.5847, 42.5897



18.6047, 19.6330, 17.4611



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.



61.3831, 64.2139, 34.3594



70.6597, 73.3697, 32.4833



62.8943, 75.9693, 36.5488



15.9512, 16.8255, 15.9256



26.6740, 25.0423, 3.4278



2.1777, 2.1328, 0.2969

Inverse Universe

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



40.1675, 40.0355, 84.2078



41.8576, 40.5695, 100.2323



38.9782, 32.5017, 82.8163



14.5968, 15.2801, 19.1023



9.6610, 5.9691, 44.3859



0.8399, 0.6312, 3.5124

Previews

White Background



This preview shows how the XYZ color 61.3815, 64.2109, 34.3581 looks on a white background.

Color Contrast Check

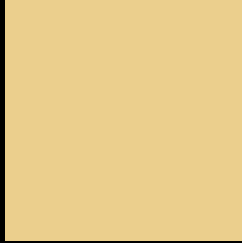
Large Text (above 18pt) WCAG AA × Fail

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 61.3815, 64.2109, 34.3581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

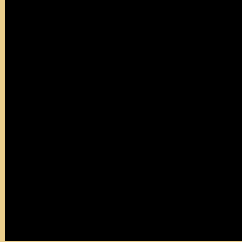
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3815, 64.2109, 34.3581

Background



This preview shows how black text looks on a background with the XYZ color 61.3815, 64.2109, 34.3581.



This preview shows how white text looks on a background with the XYZ color 61.3815, 64.2109,

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

61.3815, 64.2109, 34.3581

Protanopia

59.6076, 64.3771, 34.8755

Deuteranopia

65.5528, 64.2355, 34.5349



Tritanopia

69.1665, 64.2469, 71.7062

Trichromacy



Original Color

61.3815, 64.2109, 34.3581

Protanomaly

60.3161, 64.3769, 34.8382

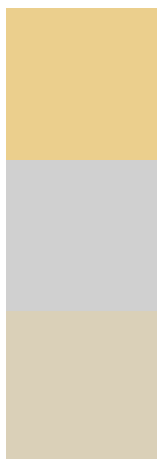
Deuteranomaly

63.8946, 64.0773, 34.5917

Tritanomaly

65.7915, 63.8864, 55.8774

Monochromacy



Original Color

61.3815, 64.2109, 34.3581

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.1210, 63.4779, 54.4311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3815, 64.2109, 34.3581 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(235, 207, 141)` looks like.

```
.text, #text, p{  
    color:rgb(235, 207, 141)  
}
```

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(235, 207, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 207, 141) }
```

Border

The CSS property to change the border of an element to XYZ 61.3815, 64.2109, 34.3581 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(235, 207, 141) }
```


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

```
.border{ border-color:rgb(235, 207, 141) }
```

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

Here you see how a box with a 4 pixel rgb(235, 207, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 207, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 207, 141);  
box-shadow:4px 4px 4px 4px rgb(235, 207,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3815, 64.2109, 34.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 207, 141) }
```

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

```
.background{ background-color: rgb(235,  
207, 141) }
```

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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