

Converting Colors

XYZ(61.1410, 59.7151, 43.4256)

Have a look what the booklet for
XYZ(61.1410, 59.7151, 43.4256)
contains.

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Color

**XYZ(61.1410, 59.7151,
43.4256)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC3A4
RGB	237, 195, 164
RGB Percent	93%, 76%, 64%
CMY	0.0706, 0.2353, 0.3569
CMYK	0.00, 0.18, 0.31, 0.07
HSL	25°, 67%, 79%
HSV	25°, 31%, 93%
XYZ	61.1410, 59.7151, 43.4256
YIQ	204.0240, 34.9830, -0.7370

Conversions

Conversions Part 2

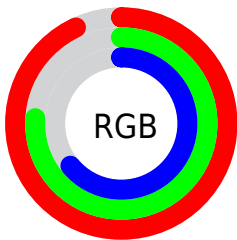
Format	Color
RYB	237, 218, 164
Decimal	15582116
CIELab	81.68, 10.57, 21.20
CIElCh	82, 23.692, 63.498
Yxy	59.7151, 0.3722, 0.3635
Android (android.graphics.Color)	4293772196 (0xFFEDC3A4)
YUV	204.0240, -19.7318, 28.9200
Hunter-Lab	77.2755, 5.9984, 20.7744

Details

The XYZ color **61.1410, 59.7151, 43.4256** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.6665, 58.1476, 88.5687**, and the grayscale version is **57.5163, 60.5116, 65.8972**.

A 20% lighter version of the original color is **88.8366, 95.9953, 80.8646**, and **31.2719, 29.9229, 19.4567** is the 20% darker color. If you saturate the color by 10%, you get **56.2806, 53.1062, 32.2119**, and if you desaturate by 10%, it is **66.6823, 67.0470, 56.8353**.

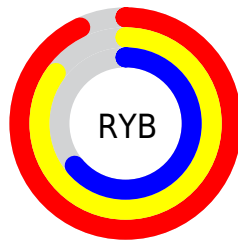
Distribution



Red (93%)

Green (76%)

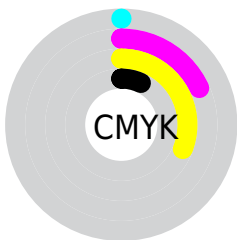
Blue (64%)



Red (93%)

Yellow (85%)

Blue (64%)

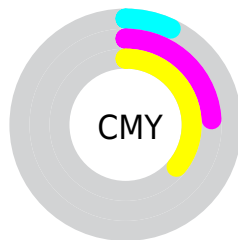


Cyan (0%)

Magenta (18%)

Yellow (31%)

Black (7%)



Cyan (7%)


Magenta (24%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1410, 59.7151, 43.4256 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 61.1410, 59.7151, 43.4256 by changing the saturation by 10% instead.


 61.1410, 59.7151,
43.4256


 61.1410, 59.7151,
43.4256


418.5585,
423.5468, 376.3316

 44.5919, 43.1890,
29.8853


 105.5800,
104.4163, 81.6459

 31.3360, 30.0335,
19.5002


 134.2007,
133.3602, 107.1631

 21.0080, 19.8640,
11.8518


167.5760,
167.2121, 137.5096

 13.2423, 12.2962,
6.5216

206.0712,
206.3566, 173.1040

 7.6738, 6.9457,
3.0909

250.0517,
251.1779, 214.3649

 3.9370, 3.4282,
1.1412

299.8828,

 1.6665, 1.3592,

302.0604, 261.7108

0.0000

355.9299,
359.3886, 315.5602

■ 0.4352, 0.1863,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1410, 59.7151,
43.4256

■ 61.1410, 59.7151,
43.4256

■ 56.2806, 53.1062,
32.2119

■ 66.6823, 67.0470,
56.8353

■ 52.0669, 47.1882,
23.0710

■ 72.9275, 75.1161,
72.5475

■ 48.4693, 41.9387,
15.8734

■ 79.9042, 83.9465,
90.6661

■ 45.4525, 37.3306,
10.4730

■ 87.0186, 93.3114,
108.0323

■ 42.9767, 33.3344,
6.7026

■ 88.7351, 96.7446,
108.6045

■ 40.9957, 29.9171,
4.3629

■ 39.5459, 27.2461,
3.1747

Harmonies

Analogous

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



65.1278, 59.7151, 51.0213



61.1410, 59.7151, 43.4256



56.1749, 59.7151, 41.2973

Triad

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



61.1410, 59.7151, 43.4256



47.7214, 59.7151, 66.7079



62.2110, 59.7151, 90.6903

Complementary

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



61.1410, 59.7151, 43.4256



52.6665, 58.1476, 88.5687

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.



57.3439, 59.7151, 96.4329



61.1410, 59.7151, 43.4256



49.1368, 59.7151, 81.3693

Square

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



61.1410, 59.7151, 43.4256



48.6078, 59.7151, 53.5279



52.5885, 59.7151, 92.7961



65.7705, 59.7151, 78.0485

Rectangle

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



61.1410, 59.7151, 43.4256



53.0225, 59.7151, 42.9626



52.5885, 59.7151, 92.7961



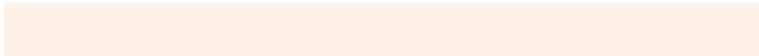
60.6637, 59.7151, 93.5691

Sweetspot

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



61.1426, 59.7179, 43.4268



87.5045, 90.4728, 89.2322



59.4125, 49.0407, 65.0996



18.4828, 19.0502, 18.4663



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.



61.1426, 59.7179, 43.4268



68.4643, 65.4651, 42.5842



70.1788, 77.7903, 46.4389



15.5914, 16.1058, 15.8057



21.7144, 15.1231, 1.7746



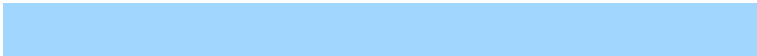
1.7986, 1.3746, 0.1705

Inverse Universe

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



52.6665, 58.1476, 88.5687



56.9594, 63.3245, 103.8285



44.9869, 42.7883, 86.0088



14.9508, 15.9879, 19.2202



13.3114, 13.2697, 45.6027



1.1403, 1.2320, 3.6126

Previews

White Background



This preview shows how the XYZ color 61.1410, 59.7151, 43.4256 looks on a white background.

Color Contrast Check

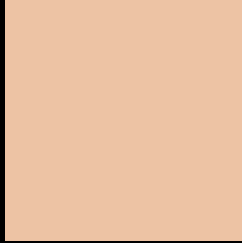
Large Text (above 18pt) WCAG AA × Fail

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 61.1410, 59.7151, 43.4256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

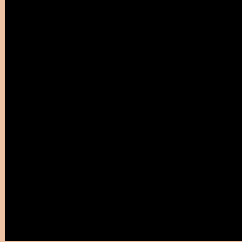
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1410, 59.7151, 43.4256

Background



This preview shows how black text looks on a background with the XYZ color 61.1410, 59.7151, 43.4256.



This preview shows how white text looks on a background with the XYZ color 61.1410, 59.7151,

43.4256.

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

61.1410, 59.7151, 43.4256

Protanopia

56.4482, 59.9861, 45.6491

Deuteranopia

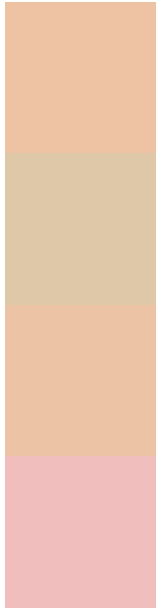
60.8080, 59.5434, 43.4101



Tritanopia

65.3723, 59.4556, 65.1573

Trichromacy



Original Color

61.1410, 59.7151, 43.4256

Protanomaly

58.0608, 59.7865, 45.0390

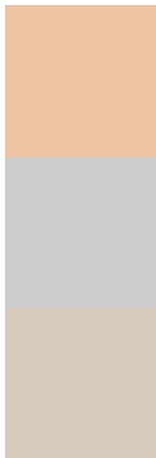
Deuteranomaly

60.8080, 59.5434, 43.4101

Tritanomaly

63.7513, 59.4610, 56.2612

Monochromacy



Original Color

61.1410, 59.7151, 43.4256

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.3909, 60.0463, 56.6567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1410, 59.7151, 43.4256 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, 195, 164)` looks like.

```
.text, #text, p{  
    color:rgb(237, 195, 164)  
}
```

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, 195, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 195, 164) }
```

Border

The CSS property to change the border of an element to XYZ 61.1410, 59.7151, 43.4256 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, 195, 164) }
```


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

```
.border{ border-color:rgb(237, 195, 164) }
```

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

Here you see how a box with a 4 pixel rgb(237, 195, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 195, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 195, 164);  
box-shadow:4px 4px 4px 4px rgb(237, 195,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1410, 59.7151, 43.4256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 195, 164) }
```

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

```
.background{ background-color: rgb(237,  
195, 164) }
```

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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