

Converting Colors

XYZ(59.9740, 64.0214, 42.9146)

Have a look what the booklet for
XYZ(59.9740, 64.0214, 42.9146)
contains.

XYZ(59.9740, 64.0214, 42.9146)	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(59.9740, 64.0214,
42.9146)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D1A1
RGB	224, 209, 161
RGB Percent	88%, 82%, 63%
CMY	0.1216, 0.1804, 0.3686
CMYK	0.00, 0.07, 0.28, 0.12
HSL	46°, 50%, 75%
HSV	46°, 28%, 88%
XYZ	59.9740, 64.0214, 42.9146
YIQ	208.0130, 24.3480, -11.7480

Conversions

Conversions Part 2

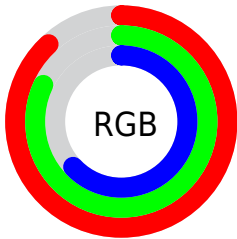
Format	Color
RYB	181, 224, 161
Decimal	14733729
CIELab	83.98, -2.08, 25.74
CIELCh	84, 25.820, 94.618
Yxy	64.0214, 0.3593, 0.3836
Android (android.graphics.Color)	4292923809 (0xFFE0D1A1)
YUV	208.0130, -23.1774, 14.0206
Hunter-Lab	80.0134, -6.2288, 24.2096

Details

The XYZ color **59.9740, 64.0214, 42.9146** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.6777, 44.0085, 76.7138**, and the grayscale version is **60.0985, 63.2283, 68.8556**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **30.6301, 32.8716, 19.1985** is the 20% darker color. If you saturate the color by 10%, you get **56.8872, 60.7307, 32.9977**, and if you desaturate by 10%, it is **63.4618, 67.5470, 54.7125**.

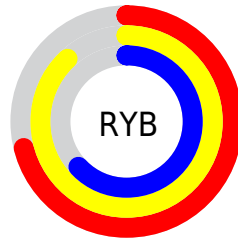
Distribution



Red (88%)

Green (82%)

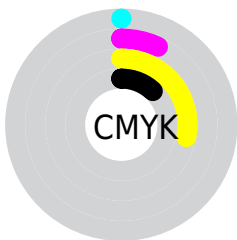
Blue (63%)



Red (71%)

Yellow (88%)

Blue (63%)

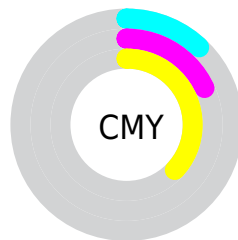


Cyan (0%)

Magenta (7%)

Yellow (28%)

Black (12%)



Cyan (12%)

Magenta (18%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9740, 64.0214, 42.9146 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 59.9740, 64.0214, 42.9146 by changing the saturation by 10% instead.

■ 59.9740, 64.0214,
42.9146

■ 59.9740, 64.0214,
42.9146

414.3382,
439.2669, 374.1713

■ 43.6471, 46.6680,
29.4872

■ 103.8985,
110.6418, 80.8669

■ 30.5899, 32.7733,
19.2010

■ 132.2268,
140.6775, 106.2290

■ 20.4370, 21.9528,
11.6373

165.2862,
175.7095, 136.4063

■ 12.8232, 13.8222,
6.3777

203.4422,
216.1221, 171.8175

■ 7.3831, 7.9971,
3.0036

247.0600,
262.2998, 212.8810

■ 3.7513, 4.0931,
1.0965

296.5050,

■ 1.5624, 1.7258,

314.6269, 260.0155

0.0000

352.1427,
373.4878, 313.6394

■ 0.3677, 0.4403,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9740, 64.0214,
42.9146

■ 59.9740, 64.0214,
42.9146

■ 56.8872, 60.7307,
32.9977

■ 63.4618, 67.5470,
54.7125

■ 54.1772, 57.6578,
24.8582


■ 67.3635, 71.3068,
68.4796


■ 51.8244, 54.7965,
18.3884


■ 71.6977, 75.3108,
84.3035

■ 49.8056, 52.1368,
13.4674


■ 76.4799, 79.5661,
102.2651


 48.0942, 49.6674,
9.9578


 78.6894, 82.8649,
106.4549


 46.6591, 47.3751,
7.6980


 80.2446, 85.9754,
106.9733

 45.4561, 45.2414,
6.4573

 81.8460, 89.1782,
107.5071

 45.2439, 44.8539,
6.2731

 83.4940, 92.4742,
108.0564

 84.5506, 94.5874,
108.4086

Harmonies

Analogous

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



65.6604, 64.0214, 45.0642



59.9740, 64.0214, 42.9146



54.8457, 64.0214, 46.9763

Triad

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



59.9740, 64.0214, 42.9146



52.2855, 64.0214, 89.0619



71.2771, 64.0214, 84.0166

Complementary

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



59.9740, 64.0214, 42.9146



43.6777, 44.0085, 76.7138

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.



67.2782, 64.0214, 98.7963



59.9740, 64.0214, 42.9146



56.2813, 64.0214, 102.0129

Square

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



59.9740, 64.0214, 42.9146



50.5862, 64.0214, 72.2611



61.7353, 64.0214, 105.8260



72.4169, 64.0214, 67.2166

Rectangle

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



59.9740, 64.0214, 42.9146



52.3612, 64.0214, 53.0980



61.7353, 64.0214, 105.8260



70.2110, 64.0214, 89.4652

Sweetspot

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



59.9756, 64.0243, 42.9159



90.4081, 95.6960, 92.0008



51.3969, 44.5022, 47.3461



19.1733, 20.3148, 19.0549



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.



59.9756, 64.0243, 42.9159



77.8623, 83.1512, 49.1385



59.1720, 69.3312, 43.9826



14.5808, 15.4476, 14.5200



26.4280, 26.2939, 3.6823



1.8993, 1.9574, 0.2777

Inverse Universe

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



43.6777, 44.0085, 76.7138



52.4463, 51.9456, 101.8700



44.2747, 40.1902, 75.9453



13.2156, 13.7703, 17.3491



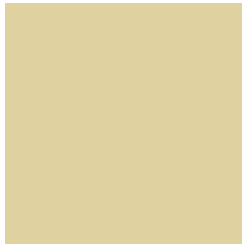
8.6552, 4.7800, 41.5148



0.6687, 0.4689, 2.9005

Previews

White Background



This preview shows how the XYZ color 59.9740, 64.0214, 42.9146 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 59.9740, 64.0214, 42.9146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

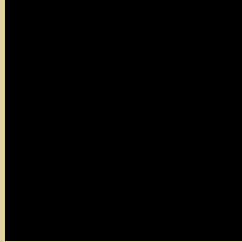
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9740, 64.0214, 42.9146

Background



This preview shows how black text looks on a background with the XYZ color 59.9740, 64.0214, 42.9146.

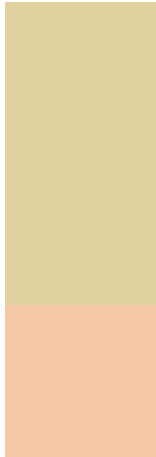


This preview shows how white text looks on a background with the XYZ color 59.9740, 64.0214,

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

59.9740, 64.0214, 42.9146

Protanopia

59.9740, 64.0214, 42.9146

Deuteranopia

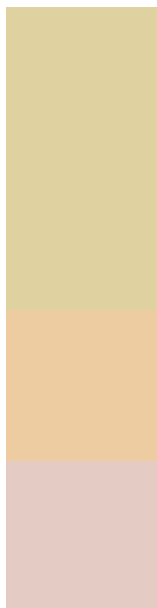
65.1537, 63.8301, 43.5368



Tritanopia

66.3660, 63.7720, 74.4570

Trichromacy



Original Color

59.9740, 64.0214, 42.9146

Protanomaly

59.9740, 64.0214, 42.9146

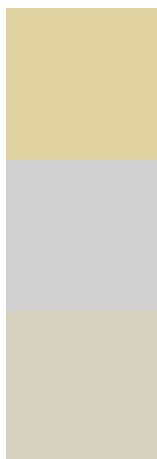
Deuteranomaly

63.0395, 63.7989, 43.1743

Tritanomaly

63.6658, 63.7109, 61.7652

Monochromacy



Original Color

59.9740, 64.0214, 42.9146

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.6914, 63.1695, 58.3371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9740, 64.0214, 42.9146 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(224, 209, 161)` looks like.

```
.text, #text, p{  
    color:rgb(224, 209, 161)  
}
```

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(224, 209, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 209, 161) }
```

Border

The CSS property to change the border of an element to XYZ 59.9740, 64.0214, 42.9146 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(224, 209, 161) }
```


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

```
.border{ border-color:rgb(224, 209, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 209, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 209, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 209, 161);  
box-shadow:4px 4px 4px 4px rgb(224, 209,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9740, 64.0214, 42.9146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 209, 161) }
```

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

```
.background{ background-color: rgb(224,  
209, 161) }
```

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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