

Converting Colors

XYZ(59.7859, 60.6254, 45.0943)

Have a look what the booklet for
XYZ(59.7859, 60.6254, 45.0943)
contains.

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Color

**XYZ(59.9424, 60.7566,
45.1271)**

Conversions

Conversions Part 1

Format	Color
Hex	E5C8A7
RGB	229, 200, 167
RGB Percent	90%, 78%, 65%
CMY	0.1020, 0.2157, 0.3451
CMYK	0.00, 0.13, 0.27, 0.10
HSL	32°, 54%, 78%
HSV	32°, 27%, 90%
XYZ	59.9424, 60.7566, 45.1271
YIQ	204.9090, 27.8770, -4.1150

Conversions

Conversions Part 2

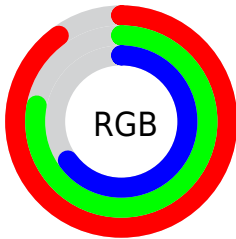
Format	Color
R_{YB}	221, 229, 167
Decimal	15059111
CIE _{Lab}	82.25, 5.30, 20.28
CIE _{LCh}	82, 20.958, 75.354
Yxy	60.7566, 0.3615, 0.3664
Android (android.graphics.Color)	4293249191 (0xFFE5C8A7)
YUV	204.9090, -18.6891, 21.1278
Hunter-Lab	77.9465, 0.8636, 20.2366

Details

The XYZ color **59.9424, 60.7566, 45.1271** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.8186, 53.3509, 81.8009**, and the grayscale version is **58.0745, 61.0989, 66.5366**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **30.6070, 30.6798, 20.5283** is the 20% darker color. If you saturate the color by 10%, you get **55.6164, 55.1976, 34.1492**, and if you desaturate by 10%, it is **64.8203, 66.8186, 58.1398**.

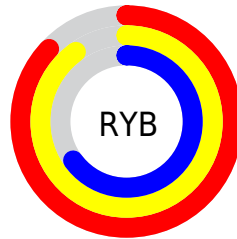
Distribution



Red (90%)

Green (78%)

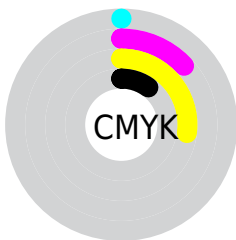
Blue (65%)



Red (87%)

Yellow (90%)

Blue (65%)

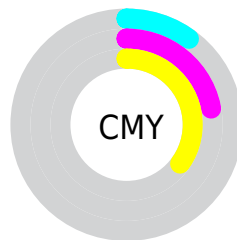


Cyan (0%)

Magenta (13%)

Yellow (27%)

Black (10%)



Cyan (10%)


Magenta (22%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9424, 60.7566, 45.1271 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 59.9424, 60.7566, 45.1271 by changing the saturation by 10% instead.


 59.9424, 60.7566,
45.1271


 59.9424, 60.7566,
45.1271


414.2236,
427.3810, 383.4632

 43.6215, 44.0288,
31.2139


 103.8529,
105.9264, 84.2316

 30.5697, 30.6931,
20.5019


 132.1733,
135.1372, 110.2599

 20.4216, 20.3653,
12.5727


165.2241,
169.2778, 141.1637

 12.8119, 12.6608,
7.0077

203.3708,
208.7325, 177.3614

 7.3753, 7.1954,
3.3884

246.9788,
253.8858, 219.2717

 3.7463, 3.5846,
1.2962

296.4133,

 1.5596, 1.4440,

305.1220, 267.3131

0.0587

352.0398,
362.8256, 321.9041

■ 0.3659, 0.2488,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9424, 60.7566,
45.1271

■ 59.9424, 60.7566,
45.1271

■ 55.6164, 55.1976,
34.1492

■ 64.8203, 66.8186,
58.1398

■ 51.8141, 50.1183,
25.0970

■ 70.2670, 73.3896,
73.2810

■ 48.5120, 45.5056,
17.8567

■ 76.3046, 80.4857,
90.6435

■ 45.6824, 41.3424,
12.3011

■ 82.3670, 87.8857,
107.2302

■ 43.2941, 37.6099,
8.2860

■ 85.6633, 94.4784,
108.3290

■ 41.3113, 34.2875,
5.6426

■ 86.1232, 95.3980,
108.4822

■ 39.6885, 31.3500,
4.1518

■ 39.2611, 30.5539,
3.8282

Harmonies

Analogous

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



63.9843, 60.7566, 50.1765



59.9424, 60.7566, 45.1271



55.5067, 60.7566, 45.1880

Triad

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



59.9424, 60.7566, 45.1271



49.8678, 60.7566, 72.8706



64.0646, 60.7566, 84.9525

Complementary

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



59.9424, 60.7566, 45.1271



49.8186, 53.3509, 81.8009

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.



60.0474, 60.7566, 92.7693



59.9424, 60.7566, 45.1271



51.9294, 60.7566, 85.2063

Square

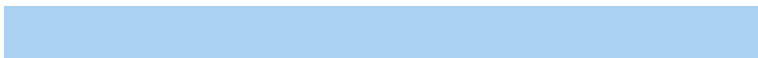
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.9424, 60.7566, 45.1271



49.8430, 60.7566, 60.1373



55.6065, 60.7566, 92.8678



66.4461, 60.7566, 72.5584

Rectangle

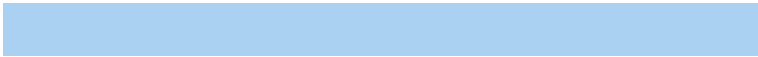
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.9424, 60.7566, 45.1271



52.9270, 60.7566, 48.0799



55.6065, 60.7566, 92.8678



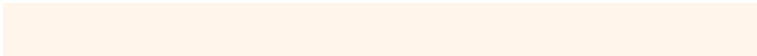
62.8518, 60.7566, 88.2691

Sweetspot

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



59.9440, 60.7594, 45.1284



88.9693, 92.8184, 91.5212



56.2065, 48.3258, 59.1693



18.8101, 19.5883, 18.9339



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.



59.9440, 60.7594, 45.1284



73.5929, 73.8353, 50.1113



66.9790, 75.3174, 47.5676



15.0091, 15.6320, 15.1307



22.5693, 17.7127, 2.2294



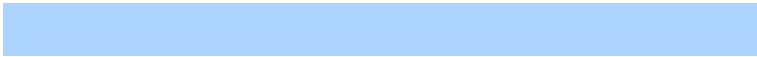
1.7606, 1.4945, 0.1957

Inverse Universe

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



49.8186, 53.3509, 81.8009



58.8061, 63.0178, 103.6720



44.1178, 41.6239, 79.8378



14.1357, 14.9928, 18.2932



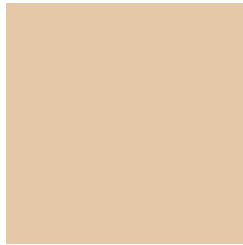
11.2161, 9.4943, 43.6246



0.9211, 0.8861, 3.2545

Previews

White Background



This preview shows how the XYZ color 59.9424, 60.7566, 45.1271 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 59.9424, 60.7566, 45.1271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

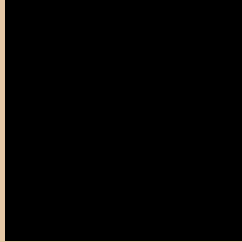
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9424, 60.7566, 45.1271

Background



This preview shows how black text looks on a background with the XYZ color 59.9424, 60.7566, 45.1271.



This preview shows how white text looks on a background with the XYZ color 59.9424, 60.7566,

45.1271.

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

59.9424, 60.7566, 45.1271

Protanopia

57.0732, 60.6492, 46.2345

Deuteranopia

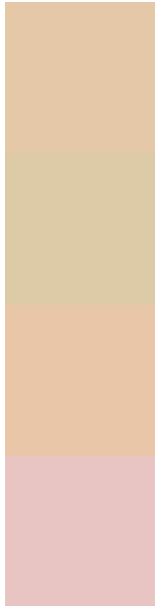
61.9592, 60.7642, 45.5088



Tritanopia

64.7321, 60.6794, 68.6222

Trichromacy



Original Color

59.9424, 60.7566, 45.1271

Protanomaly

58.2426, 60.9112, 45.7331

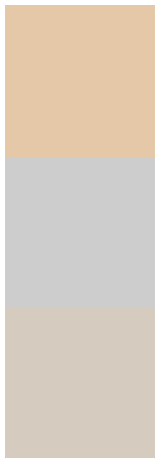
Deuteranomaly

61.1937, 60.7077, 45.5383

Tritanomaly

62.7562, 60.5307, 59.4149

Monochromacy



Original Color

59.9424, 60.7566, 45.1271

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.4915, 60.7696, 57.9371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9424, 60.7566, 45.1271 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(229, 200, 167)` looks like.

```
.text, #text, p{  
    color:rgb(229, 200, 167)  
}
```

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(229, 200, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 200, 167) }
```

Border

The CSS property to change the border of an element to XYZ 59.9424, 60.7566, 45.1271 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(229, 200, 167) }
```


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

```
.border{ border-color:rgb(229, 200, 167) }
```

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

Here you see how a box with a 4 pixel rgb(229, 200, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 200, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 200, 167);  
box-shadow:4px 4px 4px 4px rgb(229, 200,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9424, 60.7566, 45.1271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 200, 167) }
```

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

```
.background{ background-color: rgb(229,  
200, 167) }
```

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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