

Converting Colors

XYZ(54.0826, 54.4845, 34.4333)

Have a look what the booklet for
XYZ(54.0826, 54.4845, 34.4333)
contains.

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Color

**XYZ(54.2648, 54.7185,
34.4897)**

Conversions

Conversions Part 1

Format	Color
Hex	E0BE91
RGB	224, 190, 145
RGB Percent	88%, 75%, 57%
CMY	0.1216, 0.2549, 0.4314
CMYK	0.00, 0.15, 0.35, 0.12
HSL	34°, 56%, 72%
HSV	34°, 35%, 88%
XYZ	54.2648, 54.7185, 34.4897
YIQ	195.0360, 34.7090, -6.7870

Conversions

Conversions Part 2

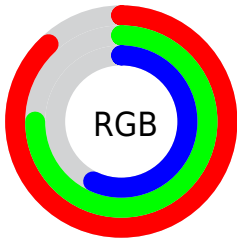
Format	Color
R _Y B	205, 224, 145
Decimal	14728849
CIE Lab	78.88, 5.83, 27.25
CIE LCh	79, 27.866, 77.922
Yxy	54.7185, 0.3782, 0.3814
Android (android.graphics.Color)	4292918929 (0xFFE0BE91)
YUV	195.0360, -24.6677, 25.4014
Hunter-Lab	73.9720, 1.4942, 24.1362

Details

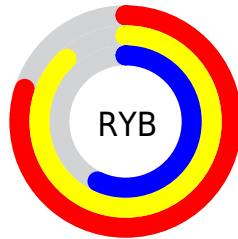
The XYZ color **54.2648, 54.7185, 34.4897** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.2513, 43.6405, 76.7705**, and the grayscale version is **52.0222, 54.7315, 59.6026**.

A 20% lighter version of the original color is **84.5046, 91.2951, 67.2007**, and **27.1145, 27.0243, 14.3768** is the 20% darker color. If you saturate the color by 10%, you get **50.6861, 50.0581, 25.5991**, and if you desaturate by 10%, it is **58.3249, 59.7964, 45.2220**.

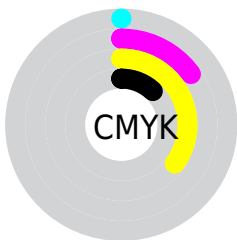
Distribution



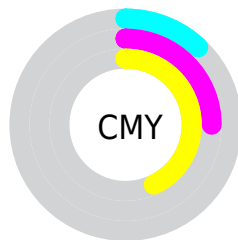
- Red (88%)
- Green (75%)
- Blue (57%)



- Red (80%)
- Yellow (88%)
- Blue (57%)



- Cyan (0%)
- Magenta (15%)
- Yellow (35%)
- Black (12%)





- Cyan (12%)
- Magenta (25%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2648, 54.7185, 34.4897 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 54.2648, 54.7185, 34.4897 by changing the saturation by 10% instead.


 54.2648, 54.7185,
34.4897


 54.2648, 54.7185,
34.4897


393.3009,
404.8440, 337.1457

 39.0449, 39.1764,
22.9897


 95.6176, 97.1284,
67.8370

 26.9756, 26.8970,
14.3806


 122.4811,
124.7650, 90.5214

 17.6914, 17.4959,
8.2441


153.9567,
157.2018, 117.7710

 10.8270, 10.5887,
4.1615

190.4095,
194.8233, 150.0043

 6.0170, 5.7910,
1.7144

232.2050,
238.0139, 187.6399

 2.8962, 2.7184,
0.3706

279.7084,

 1.0991, 0.9865,

287.1579, 231.0963

0.0000

333.2853,
342.6398, 280.7920

■ 0.0244, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2648, 54.7185,
34.4897

■ 54.2648, 54.7185,
34.4897

■ 50.6861, 50.0581,
25.5991

■ 58.3249, 59.7964,
45.2220

■ 47.5620, 45.7942,
18.4402

■ 62.8834, 65.2968,
57.8909

■ 44.8689, 41.9150,
12.8961

■ 67.9612, 71.2340,
72.5885

■ 42.5788, 38.4050,
8.8339

■ 73.5769, 77.6192,
89.4001

■ 40.6598, 35.2465,
6.0992

■ 79.4238, 84.3339,
106.6997

■ 39.0731, 32.4193,
4.5028

■ 82.3090, 90.1043,
107.6615

■ 38.4087, 31.1837,
3.9947

■ 84.5506, 94.5873,
108.4086

Harmonies

Analogous

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



59.4632, 54.7185, 39.7169



54.2648, 54.7185, 34.4897



48.8049, 54.7185, 35.0507

Triad

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



54.2648, 54.7185, 34.4897



42.5343, 54.7185, 69.4481



60.3051, 54.7185, 82.4016

Complementary

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



54.2648, 54.7185, 34.4897



41.2513, 43.6405, 76.7705

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.



55.3488, 54.7185, 93.4988



54.2648, 54.7185, 34.4897



45.2040, 54.7185, 85.1561

Square

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



54.2648, 54.7185, 34.4897



42.2895, 54.7185, 53.4324



49.8152, 54.7185, 94.5879



63.1125, 54.7185, 66.1801

Rectangle

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



54.2648, 54.7185, 34.4897



45.7442, 54.7185, 38.6434



49.8152, 54.7185, 94.5879



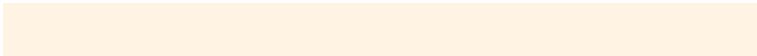
58.8197, 54.7185, 86.9702

Sweetspot

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



54.2662, 54.7210, 34.4908



87.1277, 90.8623, 85.5829



49.0266, 39.3628, 47.7860



18.4529, 19.2181, 17.7542



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.



54.2662, 54.7210, 34.4908



69.3564, 68.9530, 37.6293



60.9001, 70.3747, 37.1626



14.3521, 14.9902, 14.4437



22.4729, 18.3838, 2.3640



1.6461, 1.4511, 0.1933

Inverse Universe

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



41.2513, 43.6405, 76.7705



49.5336, 52.0845, 102.0504



36.2073, 32.1427, 74.8171



13.4347, 14.2084, 17.4221



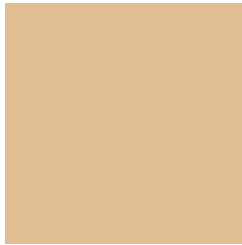
10.3964, 8.2623, 42.0952



0.8082, 0.7479, 2.9470

Previews

White Background



This preview shows how the XYZ color 54.2648, 54.7185, 34.4897 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 54.2648, 54.7185, 34.4897 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 54.2648, 54.7185, 34.4897

Background



This preview shows how black text looks on a background with the XYZ color 54.2648, 54.7185, 34.4897.



This preview shows how white text looks on a background with the XYZ color 54.2648, 54.7185,

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

54.2648, 54.7185, 34.4897

Protanopia

51.0761, 54.6921, 35.4684

Deuteranopia

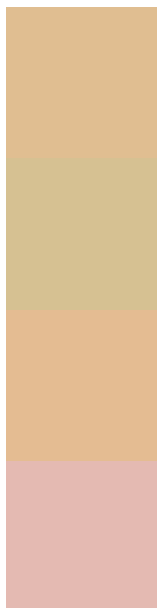
55.9136, 54.6049, 34.7870



Tritanopia

59.6447, 54.7212, 60.2420

Trichromacy



Original Color

54.2648, 54.7185, 34.4897

Protanomaly

51.9898, 54.5114, 34.9757

Deuteranomaly

55.1664, 54.5357, 34.8130

Tritanomaly

57.5897, 54.8261, 49.6667

Monochromacy



Original Color

54.2648, 54.7185, 34.4897

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.4594, 54.4361, 49.3373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2648, 54.7185, 34.4897 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, 190, 145)` looks like.

```
.text, #text, p{  
    color:rgb(224, 190, 145)  
}
```

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, 190, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 190, 145) }
```

Border

The CSS property to change the border of an element to XYZ 54.2648, 54.7185, 34.4897 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, 190, 145) }
```


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

```
.border{ border-color:rgb(224, 190, 145) }
```

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

Here you see how a box with a 4 pixel rgb(224, 190, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 190, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 190, 145);  
box-shadow:4px 4px 4px 4px rgb(224, 190,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2648, 54.7185, 34.4897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 190, 145) }
```

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

```
.background{ background-color: rgb(224,  
190, 145) }
```

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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