

Converting Colors

XYZ(49.8894, 45.1073, 35.0790)

Have a look what the booklet for
XYZ(49.8894, 45.1073, 35.0790)
contains.

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Color

**XYZ(49.7006, 44.9596,
34.9127)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A596
RGB	224, 165, 150
RGB Percent	88%, 65%, 59%
CMY	0.1216, 0.3529, 0.4118
CMYK	0.00, 0.26, 0.33, 0.12
HSL	12°, 54%, 73%
HSV	12°, 33%, 88%
XYZ	49.7006, 44.9596, 34.9127
YIQ	180.9310, 39.9790, 7.8430

Conversions

Conversions Part 2

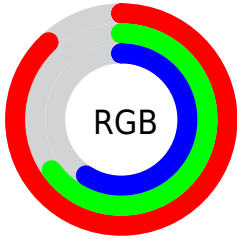
Format	Color
R_{YB}	224, 169, 150
Decimal	14722454
CIE _{Lab}	72.87, 19.78, 16.33
CIE _{LCh}	73, 25.648, 39.536
Yxy	44.9596, 0.3836, 0.3470
Android (android.graphics.Color)	4292912534 (0xFFE0A596)
YUV	180.9310, -15.2490, 37.7715
Hunter-Lab	67.0519, 14.9679, 16.0651

Details

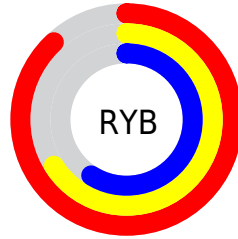
The XYZ color **49.7006, 44.9596, 34.9127** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.8318, 57.4646, 79.0391**, and the grayscale version is **43.9494, 46.2382, 50.3534**.

A 20% lighter version of the original color is **77.7323, 76.8060, 67.8549**, and **24.0936, 20.9266, 14.5737** is the 20% darker color. If you saturate the color by 10%, you get **45.0673, 38.3088, 25.3038**, and if you desaturate by 10%, it is **55.1309, 52.6521, 46.4892**.

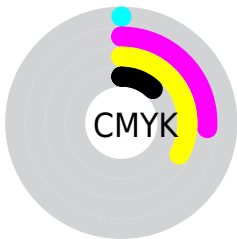
Distribution



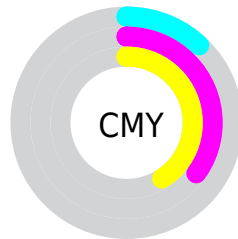
- Red (88%)
- Green (65%)
- Blue (59%)



- Red (88%)
- Yellow (66%)
- Blue (59%)



- Cyan (0%)
- Magenta (26%)
- Yellow (33%)
- Black (12%)





- Cyan (12%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.7006, 44.9596, 34.9127 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 49.7006, 44.9596, 34.9127 by changing the saturation by 10% instead.


 49.7006, 44.9596,
34.9127

 49.7006, 44.9596,
34.9127


375.9653,
366.6099, 339.0754

 35.3924, 31.4256,
23.3126

 88.9256, 82.6598,
68.5005

 24.1332, 20.9232,
14.6170


 114.5731,
107.5948, 91.3254

 15.5577, 13.0678,
8.4074


144.7310,
137.0989, 118.7289

 9.3006, 7.4753,
4.2653

179.7648,
171.5565, 151.1296

 4.9964, 3.7611,
1.7720

220.0398,
211.3520, 188.9461

 2.2799, 1.5408,
0.4094

265.9213,

 0.7844, 0.3172,

256.8698, 232.5968

0.0000

317.7747,
308.4943, 282.5004

0.0000, 0.0000,
0.0000

49.7006, 44.9596,
34.9127

49.7006, 44.9596,
34.9127

45.0673, 38.3088,
25.3038

55.1309, 52.6521,
46.4892

41.1891, 32.6484,
17.5498

61.3902, 61.4221,
60.1321

38.0258, 27.9321,
11.5307

68.5131, 71.3116,
75.9364

35.5316, 24.1076,
7.1113

76.5311, 82.3582,
93.9909

33.6552, 21.1171,
4.1360

84.3262, 94.1388,
108.3339

■ 32.3369, 18.8953,
2.4176

■ 84.5505, 94.5873,
108.4086

■ 31.6950, 17.7563,
1.7568

Harmonies

Analogous

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



51.7693, 44.9596, 44.9926



49.7006, 44.9596, 34.9127



45.8047, 44.9596, 29.3445

Triad

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



49.7006, 44.9596, 34.9127



35.1846, 44.9596, 40.8516



44.1706, 44.9596, 77.4197

Complementary

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



49.7006, 44.9596, 34.9127



48.8318, 57.4646, 79.0391

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.



39.8014, 44.9596, 75.7864



49.7006, 44.9596, 34.9127



34.8142, 44.9596, 53.1400

Square

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



49.7006, 44.9596, 34.9127



37.4982, 44.9596, 32.3362



36.4486, 44.9596, 66.3290



48.4331, 44.9596, 70.4658

Rectangle

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



49.7006, 44.9596, 34.9127



42.8023, 44.9596, 28.2559



36.4486, 44.9596, 66.3290



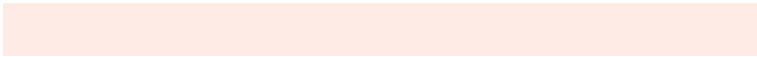
42.6633, 44.9596, 77.8806

Sweetspot

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



49.7018, 44.9617, 34.9136



85.0669, 86.1733, 86.6449



53.1804, 42.2738, 65.8084



17.9281, 18.0554, 17.9278



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.



49.7018, 44.9617, 34.9136



62.0645, 53.7094, 37.2328



57.3193, 60.1968, 37.4528



13.9312, 14.1484, 14.3034



18.5143, 10.4666, 1.0444



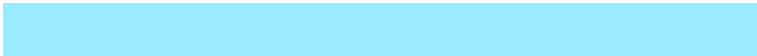
1.3469, 0.8526, 0.0936

Inverse Universe

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



48.8318, 57.4646, 79.0391



60.7002, 73.0189, 105.5026



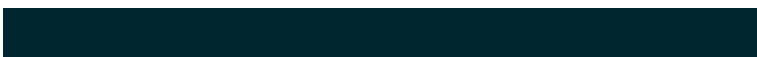
40.8232, 41.4475, 76.3695



13.8682, 15.0755, 17.5666



17.2495, 21.9686, 44.3796



1.2561, 1.6437, 3.0963

Previews

White Background



This preview shows how the XYZ color 49.7006, 44.9596, 34.9127 looks on a white background.

Color Contrast Check

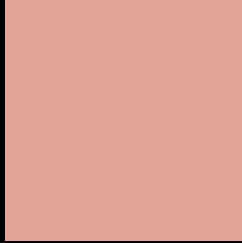
Large Text (above 18pt) WCAG AA × Fail

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 49.7006, 44.9596, 34.9127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

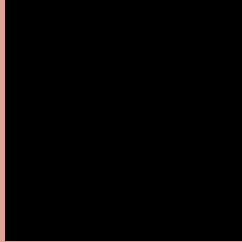
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.7006, 44.9596, 34.9127

Background



This preview shows how black text looks on a background with the XYZ color 49.7006, 44.9596, 34.9127.



This preview shows how white text looks on a background with the XYZ color 49.7006, 44.9596,

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

49.7006, 44.9596, 34.9127

Protanopia

42.9449, 45.3659, 38.3913

Deuteranopia

45.9095, 44.9404, 34.6884



Tritanopia

51.7489, 44.7145, 45.9477

Trichromacy



Original Color

49.7006, 44.9596, 34.9127

Protanomaly

45.0562, 45.0227, 36.8874

Deuteranomaly

47.0534, 44.6920, 34.5802

Tritanomaly

50.7632, 44.5648, 41.5237

Monochromacy



Original Color

49.7006, 44.9596, 34.9127

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.6116, 45.4325, 44.3956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7006, 44.9596, 34.9127 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, 165, 150)` looks like.

```
.text, #text, p{  
    color:rgb(224, 165, 150)  
}
```

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, 165, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 165, 150) }
```

Border

The CSS property to change the border of an element to XYZ 49.7006, 44.9596, 34.9127 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, 165, 150) }
```


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

```
.border{ border-color:rgb(224, 165, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 165, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 165, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 165, 150);  
box-shadow:4px 4px 4px 4px rgb(224, 165,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7006, 44.9596, 34.9127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 165, 150) }
```

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

```
.background{ background-color: rgb(224,  
165, 150) }
```

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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