

Converting Colors

XYZ(46.9823, 49.5639, 34.2078)

Have a look what the booklet for
XYZ(46.9823, 49.5639, 34.2078)
contains.

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Color

**XYZ(47.1043, 49.7497,
34.3141)**

Conversions

Conversions Part 1

Format	Color
Hex	CABA92
RGB	202, 186, 146
RGB Percent	79%, 73%, 57%
CMY	0.2078, 0.2706, 0.4274
CMYK	0.00, 0.08, 0.28, 0.21
HSL	43°, 35%, 68%
HSV	43°, 28%, 79%
XYZ	47.1043, 49.7497, 34.3141
YIQ	186.2240, 22.3760, -9.0480

Conversions

Conversions Part 2

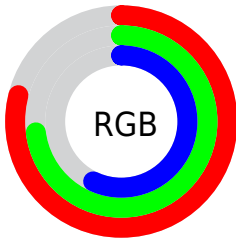
Format	Color
R_{YB}	168, 202, 146
Decimal	13286034
CIE _{Lab}	75.92, -0.51, 22.37
CIE _{LCh}	76, 22.378, 91.298
Yxy	49.7497, 0.3591, 0.3793
Android (android.graphics.Color)	4291476114 (0xFFCABA92)
YUV	186.2240, -19.8304, 13.8356
Hunter-Lab	70.5335, -4.2261, 20.5292

Details

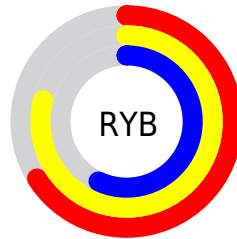
The XYZ color **47.1043, 49.7497, 34.3141** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.4347, 36.2148, 60.9997**, and the grayscale version is **46.8977, 49.3400, 53.7313**.

A 20% lighter version of the original color is **83.4175, 88.9344, 67.4131**, and **22.4857, 23.8043, 14.2360** is the 20% darker color. If you saturate the color by 10%, you get **44.4791, 46.7955, 26.3597**, and if you desaturate by 10%, it is **50.0589, 52.9177, 43.7492**.

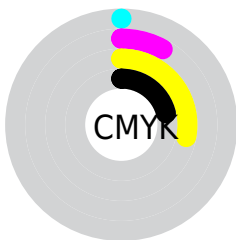
Distribution



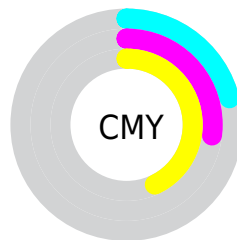
- Red (79%)
- Green (73%)
- Blue (57%)



- Red (66%)
- Yellow (79%)
- Blue (57%)



- Cyan (0%)
- Magenta (8%)
- Yellow (28%)
- Black (21%)



- Cyan (21%)
- Magenta (27%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1043, 49.7497, 34.3141 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 47.1043, 49.7497, 34.3141 by changing the saturation by 10% instead.

■ 47.1043, 49.7497,
34.3141

■ 47.1043, 49.7497,
34.3141

365.8727,
385.6863, 336.3422

■ 33.3264, 35.2146,
22.8557

■ 85.0871, 89.8039,
67.5613

■ 22.5370, 23.8282,
14.2827

■ 110.0227,
116.0918, 90.1872

■ 14.3708, 15.2062,
8.1766

139.4082,
147.0660, 117.3726

■ 8.4625, 8.9642,
4.1187

173.6091,
183.1110, 149.5361

■ 4.4465, 4.7179,
1.6907

212.9906,
224.6111, 187.0963

■ 1.9577, 2.0827,
0.3544

257.9181,

■ 0.6101, 0.6549,

271.9508, 230.4717

0.0000

308.7570,
325.5144, 280.0808

■ 0.0000, 0.0000,
0.0000

■ 47.1043, 49.7497,
34.3141

■ 47.1043, 49.7497,
34.3141

■ 44.4791, 46.7955,
26.3597

■ 50.0589, 52.9177,
43.7492

■ 42.1642, 44.0413,
19.8058

■ 53.3530, 56.2992,
54.7334

■ 40.1443, 41.4818,
14.5692

■ 57.0012, 59.9026,
67.3345

■ 38.4012, 39.1088,
10.5565

■ 61.0160, 63.7339,
81.6156

■ 36.9143, 36.9130,
7.6621

■ 65.4092, 67.7986,
97.6360

■ 35.6594, 34.8838,
5.7623

■ 68.1643, 71.2909,
104.7756

■ 34.6023, 33.0066,
4.6793

■ 69.7106, 74.3835,
105.2910

■ 34.3763, 32.5949,
4.4796

■ 71.3097, 77.5817,
105.8241

■ 72.9621, 80.8865,
106.3749

Harmonies

Analogous

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



51.2389, 49.7497, 36.4315



47.1043, 49.7497, 34.3141



43.2442, 49.7497, 36.8320

Triad

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



47.1043, 49.7497, 34.3141



40.7643, 49.7497, 66.9856



54.6675, 49.7497, 65.9535

Complementary

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



47.1043, 49.7497, 34.3141



35.4347, 36.2148, 60.9997

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.



51.5713, 49.7497, 76.2375



47.1043, 49.7497, 34.3141



43.5411, 49.7497, 76.8923

Square

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



47.1043, 49.7497, 34.3141



39.7191, 49.7497, 54.6905



47.4674, 49.7497, 80.5010



55.7568, 49.7497, 53.6507

Rectangle

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



47.1043, 49.7497, 34.3141



41.3042, 49.7497, 41.0505



47.4674, 49.7497, 80.5010



53.8182, 49.7497, 69.8210

Sweetspot

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



47.1056, 49.7520, 34.3151



90.1069, 95.0935, 91.9003



41.2293, 35.7521, 39.2848



19.0971, 20.1624, 19.0295



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.



47.1056, 49.7520, 34.3151



77.1423, 81.3264, 50.0849



47.7447, 55.3670, 35.3653



11.8726, 12.5341, 11.8730



22.2000, 21.1329, 2.9090



1.2080, 1.2157, 0.1710

Inverse Universe

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



35.4347, 36.2148, 60.9997



54.3015, 54.8401, 102.3310



34.8838, 32.0109, 60.2173



10.8584, 11.3572, 14.1902



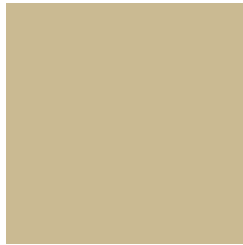
7.8903, 4.8046, 36.4678



0.4727, 0.3792, 1.9032

Previews

White Background



This preview shows how the XYZ color 47.1043, 49.7497, 34.3141 looks on a white background.

Color Contrast Check

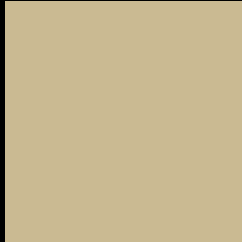
Large Text (above 18pt) WCAG AA × Fail

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 47.1043, 49.7497, 34.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

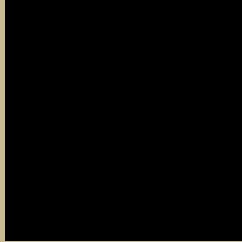
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1043, 49.7497, 34.3141

Background



This preview shows how black text looks on a background with the XYZ color 47.1043, 49.7497, 34.3141.



This preview shows how white text looks on a background with the XYZ color 47.1043, 49.7497,

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

47.1043, 49.7497, 34.3141

Protanopia

46.5118, 49.7581, 34.3470

Deuteranopia

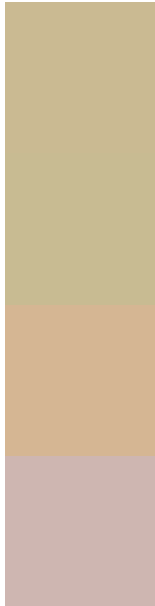
50.8011, 49.8092, 34.5404



Tritanopia

52.0713, 49.9475, 57.9353

Trichromacy



Original Color

47.1043, 49.7497, 34.3141

Protanomaly

46.7780, 49.8953, 34.3594

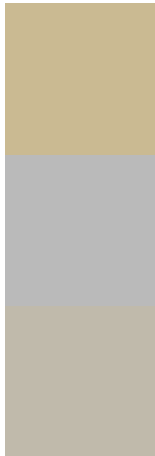
Deuteranomaly

49.4350, 49.7086, 34.5930

Tritanomaly

50.1174, 49.7520, 48.5566

Monochromacy



Original Color

47.1043, 49.7497, 34.3141

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.6478, 49.2646, 45.5785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1043, 49.7497, 34.3141 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(202, 186, 146)` looks like.

```
.text, #text, p{  
    color:rgb(202, 186, 146)  
}
```

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(202, 186, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 186, 146) }
```

Border

The CSS property to change the border of an element to XYZ 47.1043, 49.7497, 34.3141 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(202, 186, 146) }
```


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

```
.border{ border-color:rgb(202, 186, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 186, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 186, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 186, 146);  
box-shadow:4px 4px 4px 4px rgb(202, 186,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1043, 49.7497, 34.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 186, 146) }
```

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

```
.background{ background-color: rgb(202,  
186, 146) }
```

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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