

Converting Colors

XYZ(53.5187, 47.5814, 42.4398)

Have a look what the booklet for
XYZ(53.5187, 47.5814, 42.4398)
contains.

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Color

**XYZ(53.5187, 47.5814,
42.4398)**

Conversions

Conversions Part 1

Format	Color
Hex	E6A8A6
RGB	230, 168, 166
RGB Percent	90%, 66%, 65%
CMY	0.0980, 0.3412, 0.3490
CMYK	0.00, 0.27, 0.28, 0.10
HSL	2°, 56%, 78%
HSV	2°, 28%, 90%
XYZ	53.5187, 47.5814, 42.4398
YIQ	186.3100, 37.5940, 12.5220

Conversions

Conversions Part 2

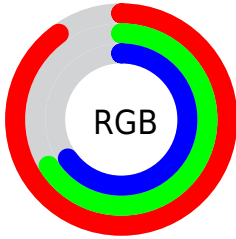
Format	Color
R _Y B	230, 168, 166
Decimal	15116454
CIE Lab	74.56, 22.54, 10.04
CIE LCh	75, 24.673, 24.020
Yxy	47.5814, 0.3728, 0.3315
Android (android.graphics.Color)	4293306534 (0xFFE6A8A6)
YUV	186.3100, -10.0128, 38.3161
Hunter-Lab	68.9793, 17.7784, 11.8071

Details

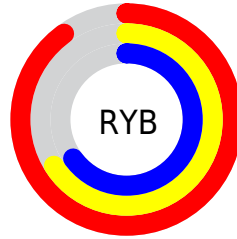
The XYZ color **53.5187, 47.5814, 42.4398** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.7514, 69.3049, 85.1966**, and the grayscale version is **46.8866, 49.3284, 53.7186**.

A 20% lighter version of the original color is **80.6788, 79.2558, 79.4523**, and **26.5162, 22.5899, 18.8823** is the 20% darker color. If you saturate the color by 10%, you get **47.8280, 39.2796, 31.0480**, and if you desaturate by 10%, it is **60.2940, 57.4479, 56.0556**.

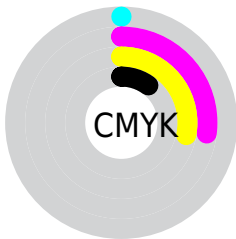
Distribution



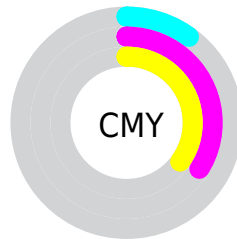
- Red (90%)
- Green (66%)
- Blue (65%)



- Red (90%)
- Yellow (66%)
- Blue (65%)



- Cyan (0%)
- Magenta (27%)
- Yellow (28%)
- Black (10%)




- Cyan (10%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5187, 47.5814, 42.4398 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 53.5187, 47.5814, 42.4398 by changing the saturation by 10% instead.

 53.5187, 47.5814,
42.4398


 53.5187, 47.5814,
42.4398


390.5004,
377.1305, 372.1562

 38.4461, 33.4955,
29.1177

 94.5282, 86.5808,
80.1421

 26.5079, 22.5063,
18.9235


 121.1959,
112.2631, 105.3593

 17.3387, 14.2294,
11.4388

152.4594,
142.5797, 135.3787

 10.5730, 8.2804,
6.2449

188.6839,
177.9150, 170.6187

 5.8457, 4.2749,
2.9234

230.2349,
218.6533, 211.4979

 2.7912, 1.8285,
1.0556

277.4778,

 1.0444, 0.5048,

265.1790, 258.4349

0.0000

330.7778,
317.8766, 311.8481

■ 0.0000, 0.0000,
0.0000

■ 53.5187, 47.5814,
42.4398

■ 53.5187, 47.5814,
42.4398

■ 47.8280, 39.2796,
31.0480

■ 60.2940, 57.4479,
56.0556

■ 43.1619, 32.4560,
21.7594

■ 68.2021, 68.9466,
72.0016

■ 39.4608, 27.0259,
14.4462

■ 77.2928, 82.1491,
90.3809

■ 36.6571, 22.8931,
8.9655

■ 86.4432, 95.5631,
108.4972

■ 34.6746, 19.9496,
5.1552

■ 33.4243, 18.0698,
2.8248

■ 32.7927, 17.0981,
1.7155

■ 32.7114, 16.9794,
1.5533

Harmonies

Analogous

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



54.3012, 47.5814, 54.4089



53.5187, 47.5814, 42.4398



50.4523, 47.5814, 34.3664

Triad

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



53.5187, 47.5814, 42.4398



38.6339, 47.5814, 38.6771



44.3372, 47.5814, 80.2747

Complementary

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



53.5187, 47.5814, 42.4398



57.7514, 69.3049, 85.1966

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.



40.3713, 47.5814, 74.3327



53.5187, 47.5814, 42.4398



37.2206, 47.5814, 49.2914

Square

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



53.5187, 47.5814, 42.4398



41.8229, 47.5814, 32.4569



37.8352, 47.5814, 62.4625



48.8061, 47.5814, 77.6351

Rectangle

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



53.5187, 47.5814, 42.4398



47.6269, 47.5814, 31.6021



37.8352, 47.5814, 62.4625



42.9047, 47.5814, 79.1878

Sweetspot

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



53.5200, 47.5836, 42.4408



85.9544, 86.7886, 90.5162



60.4033, 49.7494, 80.4992



18.0550, 18.0781, 18.6822



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.



53.5200, 47.5836, 42.4408



63.6132, 54.2682, 45.5752



59.9553, 60.4542, 44.5859



14.4130, 14.4399, 14.9320



18.5357, 9.6456, 0.8848



1.3826, 0.7385, 0.0697

Inverse Universe

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



57.7514, 69.3049, 85.1966



69.7369, 85.7111, 107.4761



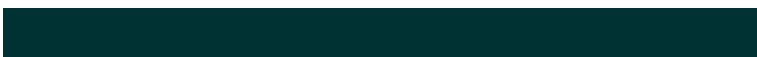
49.9604, 53.7229, 82.5996



14.7667, 16.2549, 18.5035



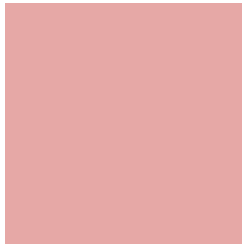
23.0124, 33.0869, 47.5567



1.7128, 2.4695, 3.5184

Previews

White Background



This preview shows how the XYZ color 53.5187, 47.5814, 42.4398 looks on a white background.

Color Contrast Check

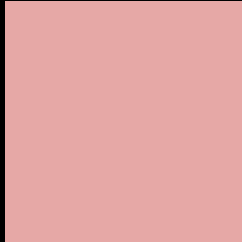
Large Text (above 18pt) WCAG AA × Fail

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 53.5187, 47.5814, 42.4398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

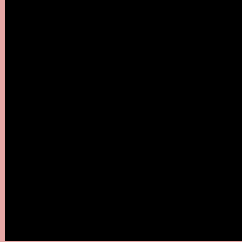
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5187, 47.5814, 42.4398

Background



This preview shows how black text looks on a background with the XYZ color 53.5187, 47.5814, 42.4398.



This preview shows how white text looks on a background with the XYZ color 53.5187, 47.5814,

42.4398.

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

53.5187, 47.5814, 42.4398

Protanopia

45.5597, 47.7418, 46.8582

Deuteranopia

48.7175, 47.6799, 41.7574



Tritanopia

54.7279, 47.5160, 48.9349

Trichromacy



Original Color

53.5187, 47.5814, 42.4398

Protanomaly

48.1729, 47.6184, 45.1804

Deuteranomaly

50.5429, 47.7404, 42.1482

Tritanomaly

54.4137, 47.6823, 46.3801

Monochromacy



Original Color

53.5187, 47.5814, 42.4398

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.6139, 48.0514, 49.3604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5187, 47.5814, 42.4398 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(230, 168, 166)` looks like.

```
.text, #text, p{  
    color:rgb(230, 168, 166)  
}
```

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(230, 168, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 168, 166) }
```

Border

The CSS property to change the border of an element to XYZ 53.5187, 47.5814, 42.4398 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(230, 168, 166) }
```


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

```
.border{ border-color:rgb(230, 168, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 168, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 168, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 168, 166);  
box-shadow:4px 4px 4px 4px rgb(230, 168,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5187, 47.5814, 42.4398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 168, 166) }
```

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

```
.background{ background-color: rgb(230,  
168, 166) }
```

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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