

Converting Colors

XYZ(48.9587, 47.9424, 35.5276)

Have a look what the booklet for
XYZ(48.9587, 47.9424, 35.5276)
contains.

XYZ(48.9587, 47.9424, 35.5276)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.9587, 47.9424,
35.5276)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B196
RGB	214, 177, 150
RGB Percent	84%, 69%, 59%
CMY	0.1608, 0.3059, 0.4118
CMYK	0.00, 0.17, 0.30, 0.16
HSL	25°, 44%, 71%
HSV	25°, 30%, 84%
XYZ	48.9587, 47.9424, 35.5276
YIQ	184.9850, 30.7190, -0.5530

Conversions

Conversions Part 2

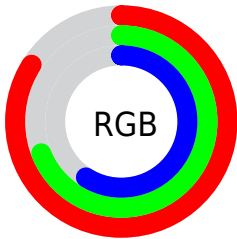
Format	Color
R_{YB}	214, 197, 150
Decimal	14070166
CIE _{Lab}	74.79, 9.48, 18.84
CIE _{LCh}	75, 21.092, 63.304
Yxy	47.9424, 0.3697, 0.3620
Android (android.graphics.Color)	4292260246 (0xFFD6B196)
YUV	184.9850, -17.2476, 25.4462
Hunter-Lab	69.2405, 5.0434, 18.0463

Details

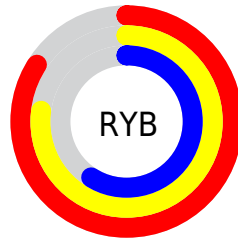
The XYZ color **48.9587, 47.9424, 35.5276** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.4851, 46.8783, 70.4277**, and the grayscale version is **46.1877, 48.5931, 52.9178**.

A 20% lighter version of the original color is **81.2780, 83.8975, 69.0368**, and **23.5603, 22.5853, 14.9220** is the 20% darker color. If you saturate the color by 10%, you get **45.0570, 42.6493, 26.4877**, and if you desaturate by 10%, it is **53.3992, 53.8088, 46.3008**.

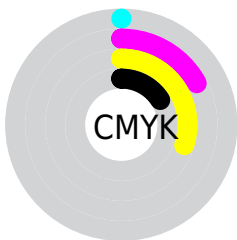
Distribution



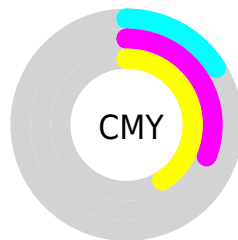
- Red (84%)
- Green (69%)
- Blue (59%)



- Red (84%)
- Yellow (77%)
- Blue (59%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (16%)





- Cyan (16%)
- Magenta (31%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9587, 47.9424, 35.5276 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 48.9587, 47.9424, 35.5276 by changing the saturation by 10% instead.


 48.9587, 47.9424,
35.5276


 48.9587, 47.9424,
35.5276


373.0994,
378.5638, 341.8658

 34.8011, 33.7813,
23.7828

 87.8312, 87.1186,
69.4631

 23.6755, 22.7256,
14.9619


 113.2768,
112.9025, 92.4909

 15.2165, 14.3910,
8.6463


143.2159,
143.3295, 120.1167

 9.0588, 8.3931,
4.4176

178.0136,
178.7839, 152.7592

 4.8370, 4.3475,
1.8571

218.0355,
219.6501, 190.8368

 2.1857, 1.8698,
0.4652

263.6469,

 0.7352, 0.5301,

266.3126, 234.7680

0.0000

315.2130,
319.1557, 284.9715

0.0000, 0.0000,
0.0000

48.9587, 47.9424,
35.5276

48.9587, 47.9424,
35.5276

45.0570, 42.6493,
26.4877

53.3992, 53.8088,
46.3008

41.6673, 37.9044,
19.0857

58.3961, 60.2596,
58.8896

38.7659, 33.6901,
13.2219

63.9711, 67.3137,
73.3746

36.3257, 29.9853,
8.7838

70.1431, 74.9871,
89.8308

34.3159, 26.7670,
5.6435

76.6064, 83.1657,
106.6227

■ 32.7013, 24.0099,
3.6499

■ 80.3500, 90.6530,
107.8706

■ 31.4238, 21.6787,
2.5340

■ 81.5416, 93.0362,
108.2678

■ 31.4128, 21.6585,
2.5249

Harmonies

Analogous

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



52.0072, 47.9424, 41.4509



48.9587, 47.9424, 35.5276



45.1445, 47.9424, 33.8417

Triad

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



48.9587, 47.9424, 35.5276



38.6008, 47.9424, 53.4267



49.7343, 47.9424, 71.8974

Complementary

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



48.9587, 47.9424, 35.5276



42.4851, 46.8783, 70.4277

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.



45.9938, 47.9424, 76.2281



48.9587, 47.9424, 35.5276



39.6832, 47.9424, 64.6657

Square

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



48.9587, 47.9424, 35.5276



39.2972, 47.9424, 43.2835



42.3372, 47.9424, 73.4134



52.4724, 47.9424, 62.2664

Rectangle

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



48.9587, 47.9424, 35.5276



42.7147, 47.9424, 35.1207



42.3372, 47.9424, 73.4134



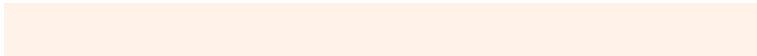
48.5452, 47.9424, 74.0780

Sweetspot

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



48.9599, 47.9446, 35.5286



87.4855, 90.4348, 89.2259



47.6437, 39.7115, 52.3554



18.4782, 19.0408, 18.4647



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.



48.9599, 47.9446, 35.5286



68.9739, 66.1218, 43.8718



55.9556, 61.9359, 37.8605



12.8496, 13.2734, 13.0455



19.0851, 13.2873, 1.5588



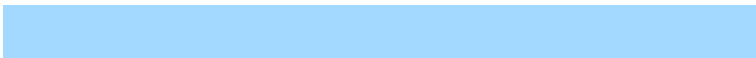
1.2321, 0.9633, 0.1210

Inverse Universe

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



42.4851, 46.8783, 70.4277



57.8192, 64.2756, 103.9668



36.4927, 34.8935, 68.4302



12.3328, 13.1890, 15.8332



11.7756, 11.8130, 40.1127



0.7914, 0.8748, 2.4464

Previews

White Background



This preview shows how the XYZ color 48.9587, 47.9424, 35.5276 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 48.9587, 47.9424, 35.5276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

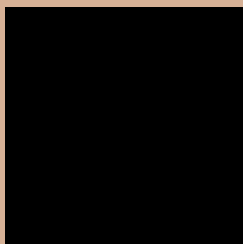
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9587, 47.9424, 35.5276

Background



This preview shows how black text looks on a background with the XYZ color 48.9587, 47.9424, 35.5276.



This preview shows how white text looks on a background with the XYZ color 48.9587, 47.9424,

35.5276.

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

48.9587, 47.9424, 35.5276

Protanopia

45.3959, 48.1830, 37.0446

Deuteranopia

48.9587, 47.9424, 35.5276



Tritanopia

52.4229, 47.9133, 52.3841

Trichromacy



Original Color

48.9587, 47.9424, 35.5276

Protanomaly

46.5485, 47.8713, 36.4925

Deuteranomaly

48.9587, 47.9424, 35.5276

Tritanomaly

51.1977, 48.0024, 45.5967

Monochromacy



Original Color

48.9587, 47.9424, 35.5276

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.9393, 48.1702, 45.8535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9587, 47.9424, 35.5276 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(214, 177, 150)` looks like.

```
.text, #text, p{  
    color:rgb(214, 177, 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(214, 177, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 177, 150) }
```

Border

The CSS property to change the border of an element to XYZ 48.9587, 47.9424, 35.5276 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(214, 177, 150) }
```


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

```
.border{ border-color:rgb(214, 177, 150) }
```

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

Here you see how a box with a 4 pixel rgb(214, 177, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 177, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 177, 150);  
box-shadow:4px 4px 4px 4px rgb(214, 177,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9587, 47.9424, 35.5276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 177, 150) }
```

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

```
.background{ background-color: rgb(214,  
177, 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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