

Converting Colors

XYZ(41.0275, 47.4366, 38.2863)

Have a look what the booklet for
XYZ(41.0275, 47.4366, 38.2863)
contains.

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Color

**XYZ(40.9929, 47.4534,
38.4514)**

Conversions

Conversions Part 1

Format	Color
Hex	ABBD9C
RGB	171, 189, 156
RGB Percent	67%, 74%, 61%
CMY	0.3294, 0.2588, 0.3882
CMYK	0.10, 0.00, 0.17, 0.26
HSL	93°, 20%, 68%
HSV	93°, 17%, 74%
XYZ	40.9929, 47.4534, 38.4514
YIQ	179.8560, -0.1350, -14.0790

Conversions

Conversions Part 2

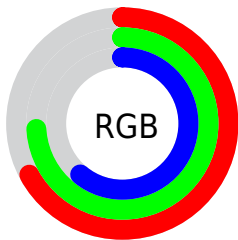
Format	Color
RYB	156, 189, 174
Decimal	11255196
CIELab	74.48, -12.23, 14.63
CIELCh	74, 19.067, 129.882
Yxy	47.4534, 0.3230, 0.3740
Android (android.graphics.Color)	4289445276 (0xFFABBD9C)
YUV	179.8560, -11.7610, -7.7667
Hunter-Lab	68.8864, -14.3296, 15.1257

Details

The XYZ color **40.9929, 47.4534, 38.4514** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.5313, 36.4511, 53.1516**, and the grayscale version is **43.3674, 45.6259, 49.6866**.

A 20% lighter version of the original color is **75.7743, 86.1767, 74.2681**, and **18.9617, 22.5502, 16.7178** is the 20% darker color. If you saturate the color by 10%, you get **37.3567, 45.7510, 30.5669**, and if you desaturate by 10%, it is **45.0559, 49.3498, 47.6578**.

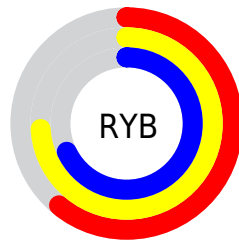
Distribution



Red (67%)

Green (74%)

Blue (61%)



Red (61%)

Yellow (74%)

Blue (68%)

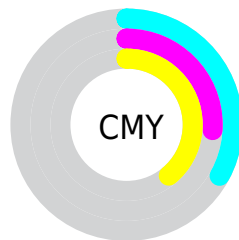


Cyan (10%)

Magenta (0%)

Yellow (17%)

Black (26%)



Cyan (33%)


Magenta (26%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9929, 47.4534, 38.4514 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 40.9929, 47.4534, 38.4514 by changing the saturation by 10% instead.


 40.9929, 47.4534,
38.4514


 40.9929, 47.4534,
38.4514


341.3540,
376.6214, 354.9085

 28.5012, 33.3942,
26.0287


 75.9479, 86.3900,
74.0106

 18.8462, 22.4286,
16.6191


 99.1419, 112.0362,
97.9841

 11.6625, 14.1722,
9.8042


126.6340,
142.3136, 126.6450

 6.5849, 8.2405,
5.1655

158.7896,
177.6065, 160.4117

 3.2479, 4.2492,
2.2842

195.9741,
218.2994, 199.7029

 1.2862, 1.8139,
0.7224

238.5527,

 0.1728, 0.4958,

264.7765, 244.9371

0.0000

286.8909,
317.4224, 296.5328

■ 0.0000, 0.0000,
0.0000

■ 40.9929, 47.4534,
38.4514

■ 40.9929, 47.4534,
38.4514

■ 37.3567, 45.7510,
30.5669

■ 45.0559, 49.3498,
47.6578

■ 34.1281, 44.2300,
23.9407

■ 49.5566, 51.4405,
58.2398

■ 31.2919, 42.8851,
18.5082

■ 54.5100, 53.7333,
70.2519

■ 28.8302, 41.7089,
14.1982

■ 59.9293, 56.2340,
83.7446

■ 26.7237, 40.6931,
10.9318

■ 65.8272, 58.9481,
98.7660

■ 24.9508, 39.8285,
8.6197

■ 69.8086, 60.9179,
102.6868

■ 23.4869, 39.1047,
7.1579

■ 73.2712, 62.7030,
102.8488

■ 22.2983, 38.5076,
6.3952

■ 76.9337, 64.5910,
103.0202

■ 22.0269, 38.3707,
6.2453

■ 77.4886, 64.8771,
103.0462

Harmonies

Analogous

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



43.9773, 47.4534, 35.1614



40.9929, 47.4534, 38.4514



39.1722, 47.4534, 45.4223

Triad

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



40.9929, 47.4534, 38.4514



42.8657, 47.4534, 71.5780



51.9390, 47.4534, 48.4851

Complementary

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



40.9929, 47.4534, 38.4514



38.5313, 36.4511, 53.1516

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.



51.6041, 47.4534, 58.4630



40.9929, 47.4534, 38.4514



46.2479, 47.4534, 72.6707

Square

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



40.9929, 47.4534, 38.4514



40.2148, 47.4534, 64.7936



49.4791, 47.4534, 67.6131



50.3722, 47.4534, 40.4479

Rectangle

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



40.9929, 47.4534, 38.4514



38.8060, 47.4534, 51.6296



49.4791, 47.4534, 67.6131



52.0469, 47.4534, 51.7078

Sweetspot

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



40.9942, 47.4555, 38.4524



82.5383, 89.2403, 89.6365



42.0478, 43.3387, 37.6023



17.6313, 19.1358, 19.0009



90.7827, 95.5105, 104.0109



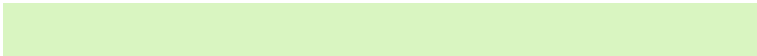
18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.9942, 47.4555, 38.4524



70.8041, 83.7659, 63.1183



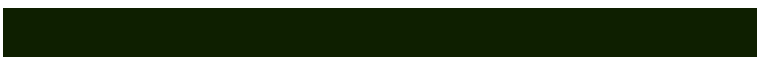
38.0037, 45.9030, 38.8010



9.8095, 10.8562, 10.1551



14.9054, 25.8599, 4.2059



0.6593, 1.0518, 0.1683

Inverse Universe

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



38.5313, 36.4511, 53.1516



65.5595, 60.3346, 94.4166



41.9429, 38.2236, 52.6902



9.5004, 9.4748, 12.0003



10.0407, 4.4623, 32.7250



0.4678, 0.2132, 1.2854

Previews

White Background



This preview shows how the XYZ color 40.9929, 47.4534, 38.4514 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 40.9929, 47.4534, 38.4514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

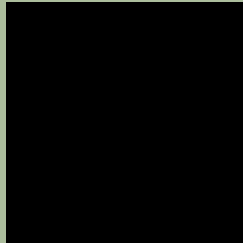
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9929, 47.4534, 38.4514

Background



This preview shows how black text looks on a background with the XYZ color 40.9929, 47.4534, 38.4514.



This preview shows how white text looks on a background with the XYZ color 40.9929, 47.4534,

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

40.9929, 47.4534, 38.4514

Protanopia

44.6756, 47.5043, 36.9516

Deuteranopia

48.0778, 47.1092, 39.3599



Tritanopia

45.2580, 47.2913, 60.1689

Trichromacy



Original Color

40.9929, 47.4534, 38.4514

Protanomaly

43.1893, 47.3453, 37.4341

Deuteranomaly

45.2011, 47.1185, 39.0602

Tritanomaly

43.5754, 47.2308, 51.6195

Monochromacy



Original Color

40.9929, 47.4534, 38.4514

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.4156, 46.1544, 45.2012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9929, 47.4534, 38.4514 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(171, 189, 156)` looks like.

```
.text, #text, p{  
    color:rgb(171, 189, 156)  
}
```

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(171, 189, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 189, 156) }
```

Border

The CSS property to change the border of an element to XYZ 40.9929, 47.4534, 38.4514 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(171, 189, 156) }
```


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

```
.border{ border-color:rgb(171, 189, 156) }
```

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

Here you see how a box with a 4 pixel rgb(171, 189, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 189, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 189, 156);  
box-shadow:4px 4px 4px 4px rgb(171, 189,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9929, 47.4534, 38.4514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 189, 156) }
```

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

```
.background{ background-color: rgb(171,  
189, 156) }
```

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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