

Converting Colors

XYZ(42.3835, 48.6215, 43.6191)

Have a look what the booklet for
XYZ(42.3835, 48.6215, 43.6191)
contains.

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Color

**XYZ(42.4004, 48.7096,
43.7264)**

Conversions

Conversions Part 1

Format	Color
Hex	ABBFA7
RGB	171, 191, 167
RGB Percent	67%, 75%, 65%
CMY	0.3294, 0.2510, 0.3451
CMYK	0.10, 0.00, 0.13, 0.25
HSL	110°, 16%, 70%
HSV	110°, 13%, 75%
XYZ	42.4004, 48.7096, 43.7264
YIQ	182.2840, -4.2160, -11.7040

Conversions

Conversions Part 2

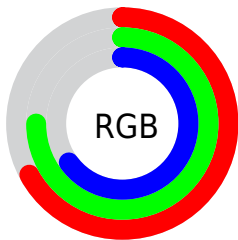
Format	Color
RYB	167, 191, 187
Decimal	11255719
CIELab	75.27, -11.36, 9.81
CIELCh	75, 15.009, 139.204
Yxy	48.7096, 0.3145, 0.3612
Android (android.graphics.Color)	4289445799 (0xFFABBFA7)
YUV	182.2840, -7.5350, -9.8961
Hunter-Lab	69.7923, -13.6936, 11.7081

Details

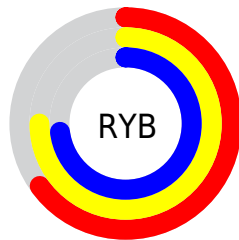
The XYZ color **42.4004, 48.7096, 43.7264** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.7184, 41.9653, 55.0888**, and the grayscale version is **44.6608, 46.9866, 51.1684**.

A 20% lighter version of the original color is **77.8096, 87.9642, 81.9850**, and **19.7907, 23.3367, 19.6810** is the 20% darker color. If you saturate the color by 10%, you get **37.5027, 46.3753, 34.9507**, and if you desaturate by 10%, it is **47.9792, 51.3677, 53.8974**.

Distribution



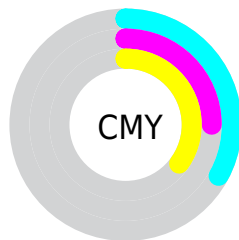
- Red (67%)
- Green (75%)
- Blue (65%)



- Red (65%)
- Yellow (75%)
- Blue (73%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (25%)



- Cyan (33%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4004, 48.7096, 43.7264 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 42.4004, 48.7096, 43.7264 by changing the saturation by 10% instead.

■ 42.4004, 48.7096,
43.7264

■ 42.4004, 48.7096,
43.7264

347.1035,
381.5980, 377.5992

■ 29.6074, 34.3892,
30.1199

■ 78.0666, 88.2600,
82.1040

■ 19.6874, 23.1927,
19.6768

■ 101.6706,
114.2587, 107.7121

■ 12.2750, 14.7359,
11.9786

129.6089,
144.9191, 138.1578

■ 7.0047, 8.6342,
6.6067

162.2470,
180.6253, 173.8596

■ 3.5114, 4.5034,
3.1427

199.9501,
221.7620, 215.2362

■ 1.4296, 1.9589,
1.1679

243.0837,

■ 0.2772, 0.5835,

268.7134, 262.7059

0.0000

292.0130,
321.8639, 316.6874

■ 0.0000, 0.0000,
0.0000

■ 42.4004, 48.7096,
43.7264

■ 42.4004, 48.7096,
43.7264

■ 37.5027, 46.3753,
34.9507

■ 47.9792, 51.3677,
53.8974

■ 33.2559, 44.3464,
27.5064

■ 54.2600, 54.3548,
65.5176

■ 29.6336, 42.6120,
21.3295

■ 61.2673, 57.6840,
78.6416

■ 26.6058, 41.1582,
16.3493

■ 69.0237, 61.3657,
93.3206

■ 24.1401, 39.9700,
12.4883

■ 76.3185, 64.9171,
103.1156

■ 22.2009, 39.0309,
9.6597

■ 77.9218, 65.7436,
103.1906

■ 20.7483, 38.3225,
7.7643

■ 19.7364, 37.8237,
6.6830

■ 19.2220, 37.5679,
6.2382

Harmonies

Analogous

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



44.5759, 48.7096, 39.9576



42.4004, 48.7096, 43.7264



41.2847, 48.7096, 50.2443

Triad

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



42.4004, 48.7096, 43.7264



45.3115, 48.7096, 69.3833



51.4834, 48.7096, 48.1999

Complementary

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



42.4004, 48.7096, 43.7264



43.7184, 41.9653, 55.0888

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.



51.6995, 48.7096, 55.9302



42.4004, 48.7096, 43.7264



48.0619, 48.7096, 68.6968

Square

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



42.4004, 48.7096, 43.7264



42.9205, 48.7096, 65.3741



50.4253, 48.7096, 63.5823



49.8461, 48.7096, 42.3578

Rectangle

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



42.4004, 48.7096, 43.7264



41.2610, 48.7096, 55.5009



50.4253, 48.7096, 63.5823



51.7270, 48.7096, 50.6461

Sweetspot

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



42.4017, 48.7117, 43.7275



84.3526, 91.2458, 93.6369



46.2334, 49.4094, 43.6602



18.3494, 19.9541, 20.2436



92.9021, 97.7402, 106.4391



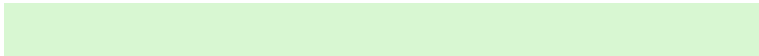
19.4759, 20.4902, 22.3138

Same Dimension

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



42.4017, 48.7117, 43.7275



73.4775, 86.0657, 73.8742



42.3066, 48.5745, 47.7048



9.5530, 10.7240, 10.1431



12.6787, 24.7120, 4.1017



0.5434, 0.9921, 0.1629

Inverse Universe

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



43.7184, 41.9653, 55.0888



76.2835, 71.6830, 98.0948



43.8536, 42.1340, 50.6230



9.7697, 9.6137, 12.0129



15.6583, 7.3582, 32.9879



0.6555, 0.3099, 1.2941

Previews

White Background



This preview shows how the XYZ color 42.4004, 48.7096, 43.7264 looks on a white background.

Color Contrast Check

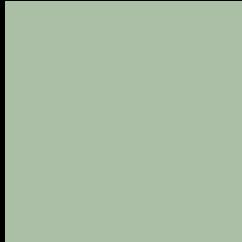
Large Text (above 18pt) WCAG AA × Fail

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 42.4004, 48.7096, 43.7264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

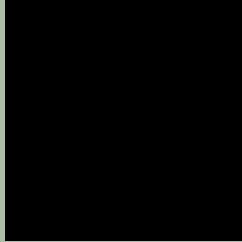
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

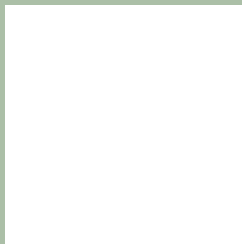
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.4004, 48.7096, 43.7264

Background



This preview shows how black text looks on a background with the XYZ color 42.4004, 48.7096, 43.7264.



This preview shows how white text looks on a background with the XYZ color 42.4004, 48.7096,

43.7264.

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

42.4004, 48.7096, 43.7264

Protanopia

46.0421, 48.7157, 42.0984

Deuteranopia

49.6703, 48.6978, 44.8119



Tritanopia

46.0060, 48.5650, 62.2075

Trichromacy



Original Color

42.4004, 48.7096, 43.7264

Protanomaly

44.5694, 48.5715, 42.6235

Deuteranomaly

46.6006, 48.3336, 44.4093

Tritanomaly

44.6241, 48.6392, 55.1805

Monochromacy



Original Color

42.4004, 48.7096, 43.7264

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.6449, 47.3372, 48.4316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4004, 48.7096, 43.7264 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, 191, 167)` looks like.

```
.text, #text, p{  
    color:rgb(171, 191, 167)  
}
```

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, 191, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 191, 167) }
```

Border

The CSS property to change the border of an element to XYZ 42.4004, 48.7096, 43.7264 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, 191, 167) }
```


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

```
.border{ border-color:rgb(171, 191, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 191, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 191, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 191, 167); box-shadow:4px 4px 4px 4px rgb(171, 191, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4004, 48.7096, 43.7264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 191, 167) }
```

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

```
.background{ background-color: rgb(171,  
191, 167) }
```

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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