

Converting Colors

XYZ(44.1256, 49.9132, 50.1882)

Have a look what the booklet for
XYZ(44.1256, 49.9132, 50.1882)
contains.

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Color

**XYZ(43.9996, 49.7246,
49.9266)**

Conversions

Conversions Part 1

Format	Color
Hex	ACC0B3
RGB	172, 192, 179
RGB Percent	67%, 75%, 70%
CMY	0.3255, 0.2470, 0.2980
CMYK	0.10, 0.00, 0.07, 0.25
HSL	141°, 14%, 71%
HSV	141°, 10%, 75%
XYZ	43.9996, 49.7246, 49.9266
YIQ	184.5380, -7.7470, -8.2830

Conversions

Conversions Part 2

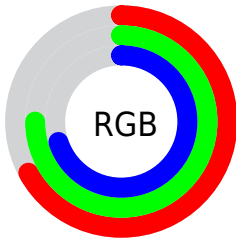
Format	Color
RYB	172, 187, 192
Decimal	11321523
CIELab	75.90, -9.33, 4.22
CIELCh	76, 10.243, 155.650
Yxy	49.7246, 0.3063, 0.3461
Android (android.graphics.Color)	4289511603 (0xFFACC0B3)
YUV	184.5380, -2.7302, -10.9958
Hunter-Lab	70.5157, -12.0239, 7.3824

Details

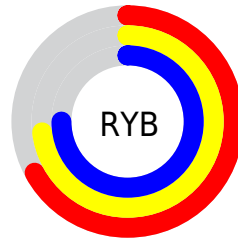
The XYZ color **43.9996, 49.7246, 49.9266** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.2495, 44.2156, 52.0509**, and the grayscale version is **45.8765, 48.2656, 52.5613**.

A 20% lighter version of the original color is **80.2414, 89.4639, 91.6363**, and **20.7442, 23.9647, 23.2710** is the 20% darker color. If you saturate the color by 10%, you get **38.8807, 47.2264, 43.3934**, and if you desaturate by 10%, it is **49.8444, 52.5866, 57.0923**.

Distribution



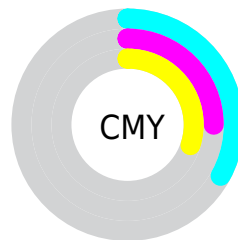
- Red (67%)
- Green (75%)
- Blue (70%)



- Red (67%)
- Yellow (73%)
- Blue (75%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)



- Cyan (33%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9996, 49.7246, 49.9266 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 43.9996, 49.7246, 49.9266 by changing the saturation by 10% instead.

■ 43.9996, 49.7246,
49.9266

■ 43.9996, 49.7246,
49.9266

353.5589,
385.5880, 403.1057

■ 30.8681, 35.1946,
34.9843

■ 80.4635, 89.7667,
91.4613

■ 20.6498, 23.8128,
23.3673

104.5266,
116.0476, 118.8908

■ 12.9792, 15.1948,
14.6571

132.9643,
147.0143, 151.3198

■ 7.4911, 8.9562,
8.4352

166.1419,
183.0511, 189.1667

■ 3.8202, 4.7127,
4.2829

204.4248,
224.5425, 232.8503

■ 1.6009, 2.0797,
1.7818

248.1784,

■ 0.3930, 0.6532,

271.8729, 282.7889

0.4159

297.7680,
325.4266, 339.4012

0.0000, 0.0000,
0.0000

43.9996, 49.7246,
49.9266

43.9996, 49.7246,
49.9266

38.8807, 47.2264,
43.3934

49.8444, 52.5866,
57.0923

34.4545, 45.0711,
37.4725

56.4384, 55.8198,
64.9038

30.6915, 43.2452,
32.1469

63.8087, 59.4394,
73.3778

27.5582, 41.7318,
27.3981

71.9800, 63.4578,
82.5298

25.0181, 40.5125,
23.2062

76.0288, 65.3364,
92.1429

■ 23.0310, 39.5669,
19.5503

■ 77.9622, 66.1098,
102.3242

■ 21.5509, 38.8719,
16.4084

■ 78.1406, 66.1812,
103.2635

■ 20.5243, 38.4003,
13.7563

■ 19.8695, 38.1087,
11.6489

Harmonies

Analogous

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



45.1569, 49.7246, 46.0496



43.9996, 49.7246, 49.9266



43.7063, 49.7246, 55.1819

Triad

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



43.9996, 49.7246, 49.9266



47.6236, 49.7246, 65.2775



50.3041, 49.7246, 48.2495

Complementary

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



43.9996, 49.7246, 49.9266



45.2495, 44.2156, 52.0509

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.



51.0050, 49.7246, 53.1145



43.9996, 49.7246, 49.9266



49.4310, 49.7246, 63.1301

Square

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



43.9996, 49.7246, 49.9266



45.7661, 49.7246, 64.2822



50.6813, 49.7246, 58.5875



48.7896, 49.7246, 45.1279

Rectangle

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



43.9996, 49.7246, 49.9266



44.0331, 49.7246, 58.8152



50.6813, 49.7246, 58.5875



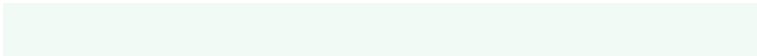
50.6445, 49.7246, 49.7225

Sweetspot

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



44.0010, 49.7267, 49.9277



87.3965, 93.8519, 99.9164



46.3860, 51.0360, 46.4366



18.5607, 20.0420, 21.2056



92.9021, 97.7402, 106.4391



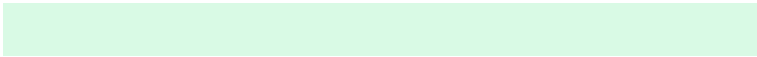
19.4759, 20.4902, 22.3138

Same Dimension

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



44.0010, 49.7267, 49.9277



77.0051, 88.7691, 87.0446



45.0137, 50.1318, 55.2607



10.0867, 11.3157, 11.4601



13.4030, 25.6552, 8.0151



0.6120, 1.1216, 0.5194

Inverse Universe

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



45.2495, 44.2156, 52.0509



79.8188, 76.3487, 91.8286



44.2630, 43.8210, 46.8557



10.3427, 10.1857, 11.8954



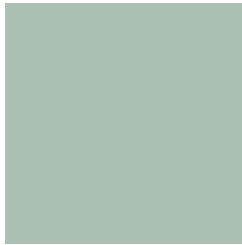
17.1481, 8.5490, 13.9580



0.7725, 0.3820, 0.7695

Previews

White Background



This preview shows how the XYZ color 43.9996, 49.7246, 49.9266 looks on a white background.

Color Contrast Check

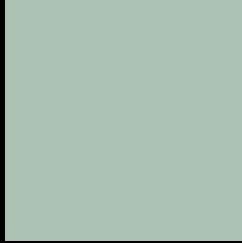
Large Text (above 18pt) WCAG AA × Fail

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 43.9996, 49.7246, 49.9266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

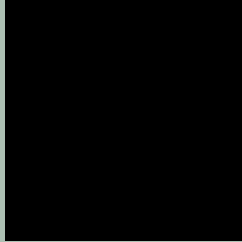
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

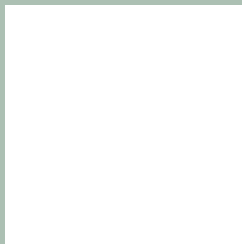
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.9996, 49.7246, 49.9266

Background



This preview shows how black text looks on a background with the XYZ color 43.9996, 49.7246, 49.9266.



This preview shows how white text looks on a background with the XYZ color 43.9996, 49.7246,

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

43.9996, 49.7246, 49.9266

Protanopia

47.3877, 49.5899, 48.1485

Deuteranopia

50.5965, 49.6493, 50.6326



Tritanopia

46.6672, 49.5083, 63.5964

Trichromacy



Original Color

43.9996, 49.7246, 49.9266

Protanomaly

45.9266, 49.4551, 48.7202

Deuteranomaly

47.8353, 49.4625, 50.2061

Tritanomaly

45.6144, 49.4042, 58.1708

Monochromacy



Original Color

43.9996, 49.7246, 49.9266

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.3529, 49.0886, 51.8844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9996, 49.7246, 49.9266 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(172, 192, 179)` looks like.

```
.text, #text, p{  
    color:rgb(172, 192, 179)  
}
```

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(172, 192, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 192, 179) }
```

Border

The CSS property to change the border of an element to XYZ 43.9996, 49.7246, 49.9266 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(172, 192, 179) }
```


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

```
.border{ border-color:rgb(172, 192, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 192, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 192, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 192, 179);  
box-shadow:4px 4px 4px 4px rgb(172, 192,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9996, 49.7246, 49.9266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 192, 179) }
```

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

```
.background{ background-color: rgb(172,  
192, 179) }
```

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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