

Converting Colors

XYZ(41.4328, 51.8987, 43.4661)

Have a look what the booklet for
XYZ(41.4328, 51.8987, 43.4661)
contains.

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Color

**XYZ(41.4296, 51.9262,
43.4365)**

Conversions

Conversions Part 1

Format	Color
Hex	9BCAA5
RGB	155, 202, 165
RGB Percent	61%, 79%, 65%
CMY	0.3922, 0.2078, 0.3529
CMYK	0.23, 0.00, 0.18, 0.21
HSL	133°, 31%, 70%
HSV	133°, 23%, 79%
XYZ	41.4296, 51.9262, 43.4365
YIQ	183.7290, -16.1350, -21.4710

Conversions

Conversions Part 2

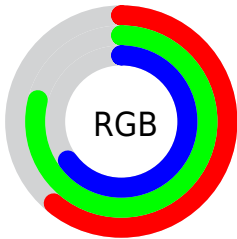
Format	Color
RYB	155, 194, 202
Decimal	10209957
CIELab	77.24, -22.78, 13.52
CIELCh	77, 26.488, 149.300
Yxy	51.9262, 0.3029, 0.3796
Android (android.graphics.Color)	4288400037 (0xFF9BCAA5)
YUV	183.7290, -9.2334, -25.1953
Hunter-Lab	72.0598, -23.4791, 14.7028

Details

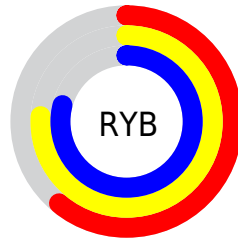
The XYZ color **41.4296, 51.9262, 43.4365** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.5946, 39.8062, 55.1516**, and the grayscale version is **45.4672, 47.8351, 52.0924**.

A 20% lighter version of the original color is **75.2566, 90.3889, 81.1905**, and **19.1641, 25.2556, 19.4876** is the 20% darker color. If you saturate the color by 10%, you get **36.5139, 49.5505, 36.1150**, and if you desaturate by 10%, it is **47.1767, 54.7126, 51.7387**.

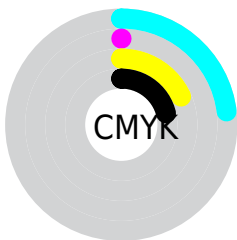
Distribution



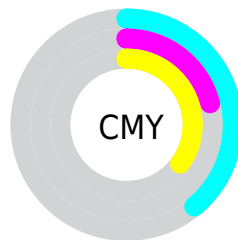
- Red (61%)
- Green (79%)
- Blue (65%)



- Red (61%)
- Yellow (76%)
- Blue (79%)



- Cyan (23%)
- Magenta (0%)
- Yellow (18%)
- Black (21%)





- Cyan (39%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4296, 51.9262, 43.4365 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 41.4296, 51.9262, 43.4365 by changing the saturation by 10% instead.


 41.4296, 51.9262,
43.4365


 41.4296, 51.9262,
43.4365


343.1449,
394.1516, 376.3776

 28.8441, 36.9463,
29.8938


 76.6062, 93.0224,
81.6626

 19.1066, 25.1659,
19.5066


 99.9280, 119.9074,
107.1830

 11.8518, 16.2007,
11.8564


127.5593,
151.5296, 137.5331

 6.7143, 9.6663,
6.5246

159.8653,
188.2733, 173.1314

 3.3288, 5.1783,
3.0927

197.2116,
230.5230, 214.3965

 1.3299, 2.3522,
1.1422

239.9634,

 0.2055, 0.8011,

278.6630, 261.7469

0.0000

288.4860,
333.0778, 315.6011

■ 0.0000, 0.0000,
0.0000

■ 41.4296, 51.9262,
43.4365

■ 41.4296, 51.9262,
43.4365

■ 36.5139, 49.5505,
36.1150

■ 47.1767, 54.7126,
51.7387

■ 32.3865, 47.5597,
29.7346

■ 53.7871, 57.9211,
61.0523

■ 29.0069, 45.9352,
24.2580

■ 61.2965, 61.5708,
71.4112

■ 26.3291, 44.6541,
19.6442

■ 69.7369, 65.6777,
82.8464

■ 24.3020, 43.6910,
15.8489

■ 78.7689, 70.0660,
95.3705

■ 22.8671, 43.0167,
12.8240

■ 80.4115, 70.7230,
104.0205

■ 21.9549, 42.5966,
10.5161

■ 21.5572, 42.4173,
9.3347

Harmonies

Analogous

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



44.7308, 51.9262, 35.5001



41.4296, 51.9262, 43.4365



40.2251, 51.9262, 56.1981

Triad

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



41.4296, 51.9262, 43.4365



49.2352, 51.9262, 89.3432



58.3633, 51.9262, 43.9343

Complementary

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



41.4296, 51.9262, 43.4365



45.5946, 39.8062, 55.1516

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.



59.7698, 51.9262, 56.8808



41.4296, 51.9262, 43.4365



54.2859, 51.9262, 84.5823

Square

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



41.4296, 51.9262, 43.4365



44.5377, 51.9262, 84.1366



58.2301, 51.9262, 72.0419



54.5062, 51.9262, 35.7510

Rectangle

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



41.4296, 51.9262, 43.4365



40.7049, 51.9262, 66.2886



58.2301, 51.9262, 72.0419



59.1496, 51.9262, 47.7952

Sweetspot

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



41.4310, 51.9284, 43.4377



86.6045, 95.8981, 97.1239



48.9294, 55.8951, 39.2208



18.3887, 20.4542, 20.5800



0.0000, 0.0000, 0.0000



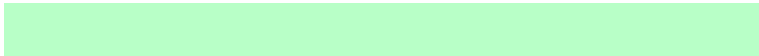
20.3446, 21.4041, 23.3091

Same Dimension

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



41.4310, 51.9284, 43.4377



65.7160, 85.7748, 66.9984



43.7060, 52.8384, 55.4176



11.1641, 12.5754, 12.4215



13.8981, 27.3046, 6.1486



0.7457, 1.4201, 0.4685

Inverse Universe

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



45.5946, 39.8062, 55.1516



73.9973, 61.6549, 90.2897



43.2508, 38.8686, 42.8092



11.5814, 11.3613, 13.5960



19.7354, 9.7047, 22.1231



1.0444, 0.5111, 1.2794

Previews

White Background



This preview shows how the XYZ color 41.4296, 51.9262, 43.4365 looks on a white background.

Color Contrast Check

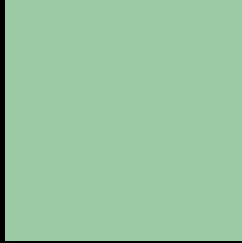
Large Text (above 18pt) WCAG AA × Fail

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 41.4296, 51.9262, 43.4365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

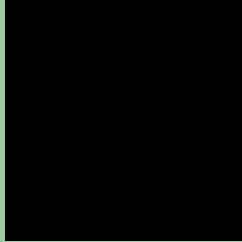
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4296, 51.9262, 43.4365

Background



This preview shows how black text looks on a background with the XYZ color 41.4296, 51.9262, 43.4365.



This preview shows how white text looks on a background with the XYZ color 41.4296, 51.9262,

43.4365.

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

41.4296, 51.9262, 43.4365

Protanopia

48.7589, 51.7476, 40.2193

Deuteranopia

52.4138, 51.3305, 44.6814



Tritanopia

46.6021, 51.9695, 69.2029

Trichromacy



Original Color

41.4296, 51.9262, 43.4365

Protanomaly

45.4920, 51.3471, 41.2315

Deuteranomaly

47.7295, 51.1234, 44.3980

Tritanomaly

44.4289, 51.7568, 58.6873

Monochromacy



Original Color

41.4296, 51.9262, 43.4365

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

43.8002, 49.3202, 48.8062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4296, 51.9262, 43.4365 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(155, 202, 165)` looks like.

```
.text, #text, p{  
    color:rgb(155, 202, 165)  
}
```

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(155, 202, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 202, 165) }
```

Border

The CSS property to change the border of an element to XYZ 41.4296, 51.9262, 43.4365 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(155, 202, 165) }
```


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

```
.border{ border-color:rgb(155, 202, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 202, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 202, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 202, 165);  
box-shadow:4px 4px 4px 4px rgb(155, 202,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4296, 51.9262, 43.4365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 202, 165) }
```

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

```
.background{ background-color: rgb(155,  
202, 165) }
```

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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