

Converting Colors

XYZ(41.5796, 53.5980, 43.3684)

Have a look what the booklet for
XYZ(41.5796, 53.5980, 43.3684)
contains.

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Color

**XYZ(41.5346, 53.4023,
43.2405)**

Conversions

Conversions Part 1

Format	Color
Hex	97CEA4
RGB	151, 206, 164
RGB Percent	59%, 81%, 64%
CMY	0.4078, 0.1921, 0.3569
CMYK	0.27, 0.00, 0.20, 0.19
HSL	134°, 36%, 70%
HSV	134°, 27%, 81%
XYZ	41.5346, 53.4023, 43.2405
YIQ	184.7670, -19.2980, -24.7220

Conversions

Conversions Part 2

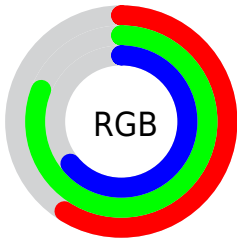
Format	Color
RYB	151, 195, 206
Decimal	9948836
CIELab	78.11, -26.23, 15.25
CIELCh	78, 30.342, 149.818
Yxy	53.4023, 0.3006, 0.3865
Android (android.graphics.Color)	4288138916 (0xFF97CEA4)
YUV	184.7670, -10.2381, -29.6137
Hunter-Lab	73.0769, -26.4307, 16.0712

Details

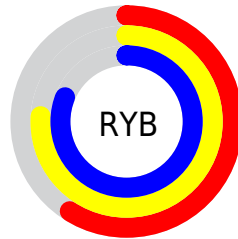
The XYZ color **41.5346, 53.4023, 43.2405** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.1476, 39.1064, 55.5702**, and the grayscale version is **46.0485, 48.4466, 52.7584**.

A 20% lighter version of the original color is **73.9998, 89.7563, 80.4423**, and **19.1368, 25.9557, 19.3306** is the 20% darker color. If you saturate the color by 10%, you get **36.7066, 51.0690, 36.0520**, and if you desaturate by 10%, it is **47.2093, 56.1548, 51.3883**.

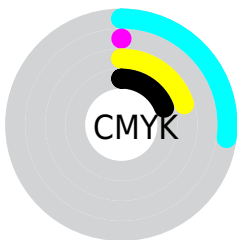
Distribution



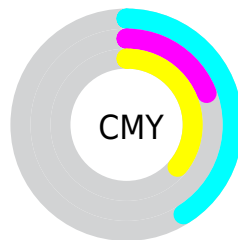
- Red (59%)
- Green (81%)
- Blue (64%)



- Red (59%)
- Yellow (76%)
- Blue (81%)



- Cyan (27%)
- Magenta (0%)
- Yellow (20%)
- Black (19%)





- Cyan (41%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5346, 53.4023, 43.2405 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 41.5346, 53.4023, 43.2405 by changing the saturation by 10% instead.


 41.5346, 53.4023,
43.2405


 41.5346, 53.4023,
43.2405


343.5746,
399.8267, 375.5501

 28.9266, 38.1240,
29.7411


 76.7644, 95.1961,
81.3639

 19.1693, 26.0790,
19.3917


 100.1168,
122.4804, 106.8250

 11.8974, 16.8827,
11.7740


127.7814,
154.5355, 137.1103

 6.7455, 10.1509,
6.4693

160.1236,
191.7458, 172.6384

 3.3484, 5.4991,
3.0591

197.5086,
234.4956, 213.8280

 1.3406, 2.5430,
1.1249

240.3019,

 0.2133, 0.8981,

283.1695, 261.0974

0.0000

288.8687,
338.1517, 314.8653

■ 0.0000, 0.0000,
0.0000

■ 41.5346, 53.4023,
43.2405

■ 41.5346, 53.4023,
43.2405

■ 36.7066, 51.0690,
36.0520

■ 47.2093, 56.1548,
51.3883

■ 32.6798, 49.1277,
29.7839

■ 53.7646, 59.3387,
60.5252

■ 29.4110, 47.5583,
24.4000

■ 61.2380, 62.9743,
70.6842

■ 26.8510, 46.3364,
19.8603

■ 69.6633, 67.0782,
81.8958

■ 24.9447, 45.4345,
16.1215

■ 79.0726, 71.6666,
94.1889

■ 23.6283, 44.8206,
13.1366

■ 81.3624, 72.6247,
104.3375

■ 22.8206, 44.4539,
10.8533

■ 22.6203, 44.3639,
10.2426

Harmonies

Analogous

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



45.3018, 53.4023, 34.1888



41.5346, 53.4023, 43.2405



40.1984, 53.4023, 58.0427

Triad

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



41.5346, 53.4023, 43.2405



50.7212, 53.4023, 97.2444



61.2941, 53.4023, 43.3876

Complementary

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



41.5346, 53.4023, 43.2405



46.1476, 39.1064, 55.5702

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.



63.0199, 53.4023, 58.2495



41.5346, 53.4023, 43.2405



56.6340, 53.4023, 91.2860

Square

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



41.5346, 53.4023, 43.2405



45.2439, 53.4023, 91.1464



61.2532, 53.4023, 76.1349



56.7013, 53.4023, 34.2614

Rectangle

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



41.5346, 53.4023, 43.2405



40.7786, 53.4023, 69.9211



61.2532, 53.4023, 76.1349



62.2439, 53.4023, 47.7732

Sweetspot

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



41.5360, 53.4045, 43.2417



85.5314, 95.3711, 95.8889



49.6941, 57.7390, 37.8041



17.9475, 20.2385, 20.0265



0.0000, 0.0000, 0.0000



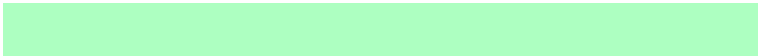
20.3446, 21.4041, 23.3091

Same Dimension

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



41.5360, 53.4045, 43.2417



62.6729, 84.2862, 63.2350



44.2761, 54.5006, 57.6708



11.1749, 12.5797, 12.4785



13.9600, 27.3293, 6.4742



0.7507, 1.4221, 0.4945

Inverse Universe

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



46.1476, 39.1064, 55.5702



71.3590, 57.3402, 86.4450



43.3741, 37.9970, 40.9653



11.5697, 11.3566, 13.5348



19.4765, 9.6012, 20.7597



1.0329, 0.5066, 1.2193

Previews

White Background



This preview shows how the XYZ color 41.5346, 53.4023, 43.2405 looks on a white background.

Color Contrast Check

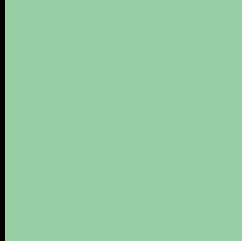
Large Text (above 18pt) WCAG AA × Fail

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 41.5346, 53.4023, 43.2405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

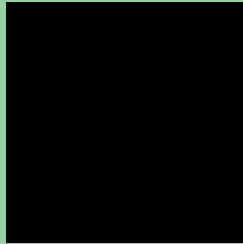
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5346, 53.4023, 43.2405

Background



This preview shows how black text looks on a background with the XYZ color 41.5346, 53.4023, 43.2405.



This preview shows how white text looks on a background with the XYZ color 41.5346, 53.4023,

43.2405.

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

41.5346, 53.4023, 43.2405

Protanopia

49.8373, 52.9710, 39.4960

Deuteranopia

53.9320, 52.7407, 44.3832



Tritanopia

47.3871, 53.3302, 72.0862

Trichromacy



Original Color

41.5346, 53.4023, 43.2405

Protanomaly

46.3190, 52.7849, 41.0049

Deuteranomaly

48.5507, 52.5321, 44.1400

Tritanomaly

44.9890, 53.3947, 60.1596

Monochromacy



Original Color

41.5346, 53.4023, 43.2405

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.2394, 50.1985, 48.9526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5346, 53.4023, 43.2405 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(151, 206, 164)` looks like.

```
.text, #text, p{  
    color:rgb(151, 206, 164)  
}
```

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(151, 206, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 206, 164) }
```

Border

The CSS property to change the border of an element to XYZ 41.5346, 53.4023, 43.2405 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(151, 206, 164) }
```


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

```
.border{ border-color:rgb(151, 206, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 206, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 206, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 206, 164);  
box-shadow:4px 4px 4px 4px rgb(151, 206,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5346, 53.4023, 43.2405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 206, 164) }
```

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

```
.background{ background-color: rgb(151,  
206, 164) }
```

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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