

Converting Colors

XYZ(40.9545, 53.3777, 39.7425)

Have a look what the booklet for
XYZ(40.9545, 53.3777, 39.7425)
contains.

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Color

**XYZ(41.0761, 53.6053,
39.6344)**

Conversions

Conversions Part 1

Format	Color
Hex	97CF9C
RGB	151, 207, 156
RGB Percent	59%, 81%, 61%
CMY	0.4078, 0.1882, 0.3882
CMYK	0.27, 0.00, 0.25, 0.19
HSL	125°, 37%, 70%
HSV	125°, 27%, 81%
XYZ	41.0761, 53.6053, 39.6344
YIQ	184.4420, -17.0050, -27.7330

Conversions

Conversions Part 2

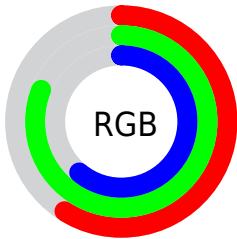
Format	Color
RYB	151, 202, 207
Decimal	9949084
CIELab	78.23, -28.14, 19.67
CIELCh	78, 34.333, 145.056
Yxy	53.6053, 0.3058, 0.3991
Android (android.graphics.Color)	4288139164 (0xFF97CF9C)
YUV	184.4420, -14.0219, -29.3286
Hunter-Lab	73.2156, -27.9837, 19.1550

Details

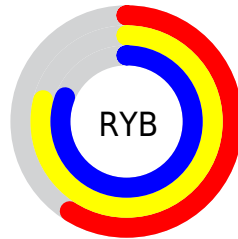
The XYZ color **41.0761, 53.6053, 39.6344** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.4613, 39.6641, 61.0339**, and the grayscale version is **45.8876, 48.2773, 52.5740**.

A 20% lighter version of the original color is **72.9715, 89.3450, 75.0273**, and **18.8150, 26.0731, 17.4055** is the 20% darker color. If you saturate the color by 10%, you get **36.0921, 51.2079, 31.7051**, and if you desaturate by 10%, it is **46.9852, 56.4541, 48.9026**.

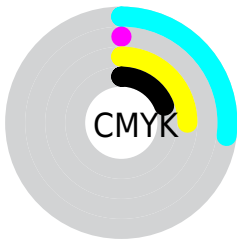
Distribution



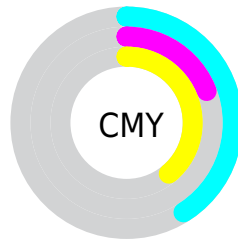
- Red (59%)
- Green (81%)
- Blue (61%)



- Red (59%)
- Yellow (79%)
- Blue (81%)



- Cyan (27%)
- Magenta (0%)
- Yellow (25%)
- Black (19%)



- Cyan (41%)
- Magenta (19%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0761, 53.6053, 39.6344 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 41.0761, 53.6053, 39.6344 by changing the saturation by 10% instead.

■ 41.0761, 53.6053,
39.6344

■ 41.0761, 53.6053,
39.6344

341.6957,
400.6031, 360.0864

■ 28.5665, 38.2862,
26.9420

■ 76.0734, 95.4945,
75.8375

■ 18.8957, 26.2049,
17.2976

■ 99.2918, 122.8333,
100.1852

■ 11.6985, 16.9770,
10.2827

126.8104,
154.9476, 129.2551

■ 6.6095, 10.2181,
5.4788

158.9948,
192.2215, 163.4657

■ 3.2632, 5.5438,
2.4672

196.2101,
235.0397, 203.2356

■ 1.2945, 2.5697,
0.8227

238.8218,

■ 0.1791, 0.9115,

283.7864, 248.9834

0.0000

287.1952,
338.8461, 301.1274

■ 0.0000, 0.0000,
0.0000

■ 41.0761, 53.6053,
39.6344

■ 41.0761, 53.6053,
39.6344

■ 36.0921, 51.2079,
31.7051

■ 46.9852, 56.4541,
48.9026

■ 31.9824, 49.2323,
25.0496

■ 53.8587, 59.7686,
59.5638

■ 28.6976, 47.6561,
19.6024

■ 61.7384, 63.5709,
71.6735

■ 26.1817, 46.4519,
15.2911

■ 70.6627, 67.8796,
85.2831

■ 24.3717, 45.5890,
12.0354

■ 80.6679, 72.7123,
100.4413

■ 23.1946, 45.0317,
9.7444

■ 81.6039, 73.1078,
104.4180

■ 22.5555, 44.7332,
8.3118

■ 22.4271, 44.6730,
8.0340

Harmonies

Analogous

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



45.6719, 53.6053, 30.8537



41.0761, 53.6053, 39.6344



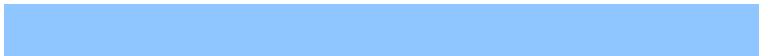
39.1315, 53.6053, 55.2357

Triad

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



41.0761, 53.6053, 39.6344



49.8448, 53.6053, 103.5389



63.5740, 53.6053, 44.0568

Complementary

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



41.0761, 53.6053, 39.6344



47.4613, 39.6641, 61.0339

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.



64.9371, 53.6053, 61.6146



41.0761, 53.6053, 39.6344



56.6203, 53.6053, 98.7148

Square

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



41.0761, 53.6053, 39.6344



43.9022, 53.6053, 94.2566



62.2921, 53.6053, 82.2306



58.7149, 53.6053, 32.9860

Rectangle

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



41.0761, 53.6053, 39.6344



39.4641, 53.6053, 68.5163



62.2921, 53.6053, 82.2306



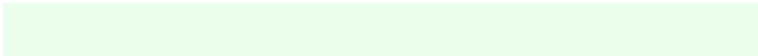
64.4733, 53.6053, 49.2731

Sweetspot

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



41.0775, 53.6076, 39.6356



85.0907, 95.1948, 93.5681



52.3484, 59.4659, 37.9977



17.8374, 20.1945, 19.4468



0.0000, 0.0000, 0.0000



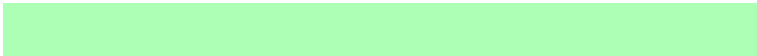
20.3446, 21.4041, 23.3091

Same Dimension

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



41.0775, 53.6076, 39.6356



61.3905, 83.7732, 56.4817



43.6937, 54.6541, 53.4125



11.6986, 13.2232, 12.7690



14.1445, 28.1507, 5.1411



0.8060, 1.5801, 0.3671

Inverse Universe

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



47.4613, 39.6641, 61.0339



73.1593, 58.0603, 95.9251



44.4729, 38.4687, 45.2975



12.2634, 11.9901, 14.6628



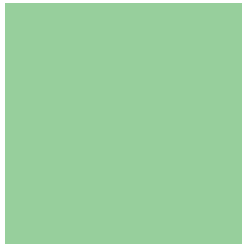
21.9847, 10.6667, 31.1551



1.2429, 0.6019, 1.8139

Previews

White Background



This preview shows how the XYZ color 41.0761, 53.6053, 39.6344 looks on a white background.

Color Contrast Check

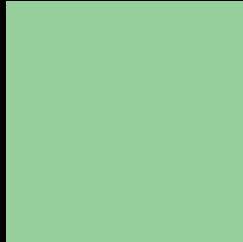
Large Text (above 18pt) WCAG AA × Fail

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 41.0761, 53.6053, 39.6344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

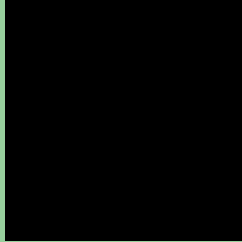
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0761, 53.6053, 39.6344

Background



This preview shows how black text looks on a background with the XYZ color 41.0761, 53.6053, 39.6344.



This preview shows how white text looks on a background with the XYZ color 41.0761, 53.6053,

39.6344.

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

41.0761, 53.6053, 39.6344

Protanopia

49.7281, 52.9910, 36.0411

Deuteranopia

54.2134, 52.9591, 41.0830



Tritanopia

47.5895, 53.4345, 72.0956

Trichromacy



Original Color

41.0761, 53.6053, 39.6344

Protanomaly

45.8834, 52.6386, 37.4477

Deuteranomaly

48.3539, 52.5134, 40.3885

Tritanomaly

44.9587, 53.4052, 58.9776

Monochromacy



Original Color

41.0761, 53.6053, 39.6344

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

43.5029, 49.5259, 47.3110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0761, 53.6053, 39.6344 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, 207, 156)` looks like.

```
.text, #text, p{  
    color:rgb(151, 207, 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(151, 207, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 207, 156) }
```

Border

The CSS property to change the border of an element to XYZ 41.0761, 53.6053, 39.6344 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, 207, 156) }
```


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

```
.border{ border-color:rgb(151, 207, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 207, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 207, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 207, 156); box-shadow:4px 4px 4px 4px rgb(151, 207, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0761, 53.6053, 39.6344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 207, 156) }
```

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

```
.background{ background-color: rgb(151,  
207, 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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