

Converting Colors

XYZ(41.1013, 52.5083, 41.3586)

Have a look what the booklet for
XYZ(41.1013, 52.5083, 41.3586)
contains.

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Color

**XYZ(41.0749, 52.4961,
41.2256)**

Conversions

Conversions Part 1

Format	Color
Hex	99CCA0
RGB	153, 204, 160
RGB Percent	60%, 80%, 63%
CMY	0.4000, 0.2000, 0.3725
CMYK	0.25, 0.00, 0.22, 0.20
HSL	128°, 33%, 70%
HSV	128°, 25%, 80%
XYZ	41.0749, 52.4961, 41.2256
YIQ	183.7350, -16.2720, -24.4960

Conversions

Conversions Part 2

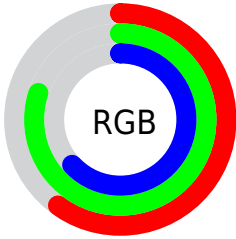
Format	Color
RYB	153, 198, 204
Decimal	10079392
CIELab	77.58, -25.33, 16.65
CIELCh	78, 30.309, 146.677
Yxy	52.4961, 0.3047, 0.3894
Android (android.graphics.Color)	4288269472 (0xFF99CCA0)
YUV	183.7350, -11.7014, -26.9546
Hunter-Lab	72.4542, -25.6017, 16.9826

Details

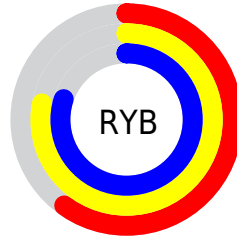
The XYZ color **41.0749, 52.4961, 41.2256** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.3729, 39.6522, 58.0351**, and the grayscale version is **45.4838, 47.8525, 52.1114**.

A 20% lighter version of the original color is **74.0382, 89.8362, 77.7279**, and **18.9799, 25.6621, 18.1403** is the 20% darker color. If you saturate the color by 10%, you get **36.1165, 50.1070, 33.5176**, and if you desaturate by 10%, it is **46.9124, 55.3162, 50.1149**.

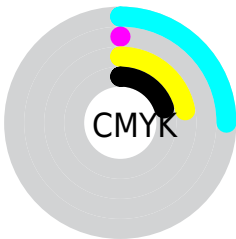
Distribution



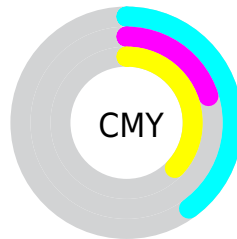
- Red (60%)
- Green (80%)
- Blue (63%)



- Red (60%)
- Yellow (78%)
- Blue (80%)



- Cyan (25%)
- Magenta (0%)
- Yellow (22%)
- Black (20%)





- Cyan (40%)
- Magenta (20%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0749, 52.4961, 41.2256 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 41.0749, 52.4961, 41.2256 by changing the saturation by 10% instead.


 41.0749, 52.4961,
41.2256


 41.0749, 52.4961,
41.2256


341.6908,
396.3489, 366.9671

 28.5655, 37.4007,
28.1744


 76.0716, 93.8625,
78.2836

 18.8950, 25.5179,
18.2170


 99.2896, 120.9022,
103.1275

 11.6980, 16.4633,
10.9348


126.8079,
152.6921, 132.7394

 6.6091, 9.8526,
5.9094

158.9918,
189.6167, 167.5378

 3.2630, 5.3013,
2.7222

196.2067,
232.0602, 207.9412

 1.2943, 2.4251,
0.9546

238.8179,

 0.1790, 0.8388,

280.4072, 254.3682

0.0000

287.1908,
335.0419, 307.2373

■ 0.0000, 0.0000,
0.0000

■ 41.0749, 52.4961,
41.2256

■ 41.0749, 52.4961,
41.2256

■ 36.1165, 50.1070,
33.5176

■ 46.9124, 55.3162,
50.1149

■ 31.9905, 48.1213,
26.9378

■ 53.6645, 58.5802,
60.2285

■ 28.6520, 46.5186,
21.4343

■ 61.3698, 62.3085,
71.6118

■ 26.0503, 45.2739,
16.9497

■ 70.0635, 66.5183,
84.3065

■ 24.1288, 44.3594,
13.4214

■ 79.7777, 71.2253,
98.3528

■ 22.8222, 43.7430,
10.7799

■ 80.8839, 71.6678,
104.1780

■ 22.0523, 43.3859,
8.9459

■ 21.8035, 43.2716,
8.3018

Harmonies

Analogous

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



45.0145, 52.4961, 32.9358



41.0749, 52.4961, 41.2256



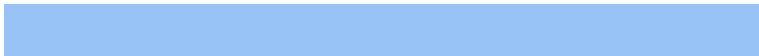
39.4880, 52.4961, 55.3121

Triad

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



41.0749, 52.4961, 41.2256



49.2467, 52.4961, 95.7279



60.6369, 52.4961, 43.8821

Complementary

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



41.0749, 52.4961, 41.2256



46.3729, 39.6522, 58.0351

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.



61.9888, 52.4961, 59.0473



41.0749, 52.4961, 41.2256



55.1182, 52.4961, 91.0469

Square

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



41.0749, 52.4961, 41.2256



43.9682, 52.4961, 88.5235



59.8973, 52.4961, 76.7460



56.3340, 52.4961, 34.2460

Rectangle

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



41.0749, 52.4961, 41.2256



39.8778, 52.4961, 66.9111



59.8973, 52.4961, 76.7460



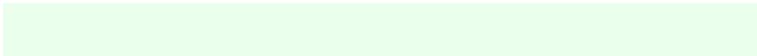
61.4654, 52.4961, 48.4043

Sweetspot

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



41.0763, 52.4983, 41.2268



85.2336, 95.2520, 94.3207



50.4231, 57.3856, 38.5565



17.8731, 20.2088, 19.6346



0.0000, 0.0000, 0.0000



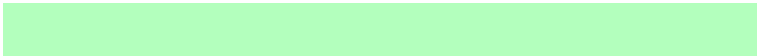
20.3446, 21.4041, 23.3091

Same Dimension

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



41.0763, 52.4983, 41.2268



63.4204, 84.7184, 61.1539



43.5200, 53.4758, 54.0950



11.1297, 12.5616, 12.2405



13.7430, 27.2425, 5.3316



0.7299, 1.4138, 0.3852

Inverse Universe

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



46.3729, 39.6522, 58.0351



73.6652, 59.8622, 93.6583



43.7123, 38.5880, 44.0243



11.6187, 11.3762, 13.7929



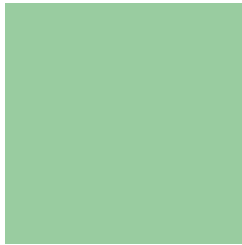
20.6314, 10.0632, 26.8414



1.0831, 0.5266, 1.4834

Previews

White Background



This preview shows how the XYZ color 41.0749, 52.4961, 41.2256 looks on a white background.

Color Contrast Check

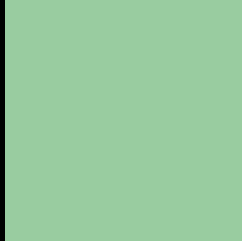
Large Text (above 18pt) WCAG AA × Fail

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 41.0749, 52.4961, 41.2256 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 41.0749, 52.4961, 41.2256

Background



This preview shows how black text looks on a background with the XYZ color 41.0749, 52.4961, 41.2256.



This preview shows how white text looks on a background with the XYZ color 41.0749, 52.4961,

41.2256.

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

41.0749, 52.4961, 41.2256

Protanopia

49.0921, 52.2912, 38.0776

Deuteranopia

53.0547, 52.0214, 42.3668



Tritanopia

47.0808, 52.5231, 70.6073

Trichromacy



Original Color

41.0749, 52.4961, 41.2256

Protanomaly

45.7483, 52.1944, 39.1158

Deuteranomaly

47.7473, 51.5080, 42.0758

Tritanomaly

44.6900, 52.5745, 58.8314

Monochromacy



Original Color

41.0749, 52.4961, 41.2256

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

43.6022, 49.2410, 47.7638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0749, 52.4961, 41.2256 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(153, 204, 160)` looks like.

```
.text, #text, p{  
    color:rgb(153, 204, 160)  
}
```

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(153, 204, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 204, 160) }
```

Border

The CSS property to change the border of an element to XYZ 41.0749, 52.4961, 41.2256 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(153, 204, 160) }
```


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

```
.border{ border-color:rgb(153, 204, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 204, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 204, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 204, 160);  
box-shadow:4px 4px 4px 4px rgb(153, 204,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0749, 52.4961, 41.2256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 204, 160) }
```

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

```
.background{ background-color: rgb(153,  
204, 160) }
```

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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