

Converting Colors

XYZ(43.8688, 52.4523, 40.9666)

Have a look what the booklet for
XYZ(43.8688, 52.4523, 40.9666)
contains.

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Color

**XYZ(44.0127, 52.6173,
41.0941)**

Conversions

Conversions Part 1

Format	Color
Hex	ACC8A0
RGB	172, 200, 160
RGB Percent	67%, 78%, 63%
CMY	0.3255, 0.2157, 0.3725
CMYK	0.14, 0.00, 0.20, 0.22
HSL	102°, 27%, 71%
HSV	102°, 20%, 78%
XYZ	44.0127, 52.6173, 41.0941
YIQ	187.0680, -3.8480, -18.3760

Conversions

Conversions Part 2

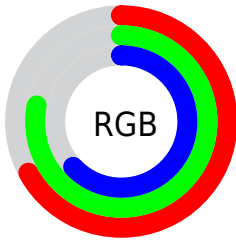
Format	Color
RYB	160, 200, 188
Decimal	11323552
CIELab	77.65, -16.83, 16.93
CIELCh	78, 23.872, 134.833
Yxy	52.6173, 0.3196, 0.3820
Android (android.graphics.Color)	4289513632 (0xFFACC8A0)
YUV	187.0680, -13.3445, -13.2146
Hunter-Lab	72.5378, -18.6353, 17.1875

Details

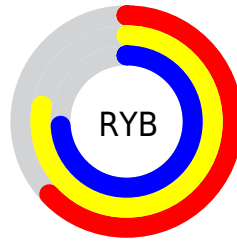
The XYZ color **44.0127, 52.6173, 41.0941** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.7373, 40.0046, 60.0629**, and the grayscale version is **47.3481, 49.8139, 54.2474**.

A 20% lighter version of the original color is **80.0206, 92.9203, 78.0078**, and **20.5934, 25.5624, 18.0360** is the 20% darker color. If you saturate the color by 10%, you get **39.4896, 50.4732, 32.4724**, and if you desaturate by 10%, it is **49.1440, 55.0454, 51.2158**.

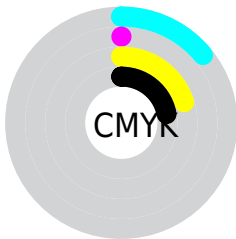
Distribution



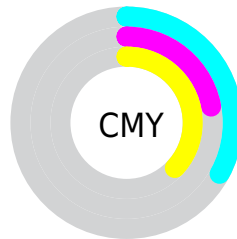
- Red (67%)
- Green (78%)
- Blue (63%)



- Red (63%)
- Yellow (78%)
- Blue (74%)



- Cyan (14%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)



- Cyan (33%)
- Magenta (22%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.0127, 52.6173, 41.0941 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 44.0127, 52.6173, 41.0941 by changing the saturation by 10% instead.

■ 44.0127, 52.6173,
41.0941

■ 44.0127, 52.6173,
41.0941

353.6114,
396.8151, 366.4020

■ 30.8784, 37.4973,
28.0724

■ 80.4831, 94.0410,
78.0819

■ 20.6577, 25.5928,
18.1407

■ 104.5499,
121.1135, 102.8851

■ 12.9850, 16.5193,
10.8806

132.9917,
152.9390, 132.4525

■ 7.4952, 9.8923,
5.8734

166.1737,
189.9019, 167.2027

■ 3.8227, 5.3276,
2.7007

204.4613,
232.3866, 207.5542

■ 1.6023, 2.4408,
0.9438

248.2199,

■ 0.3939, 0.8467,

280.7774, 253.9256

0.0000

297.8148,
335.4588, 306.7353

■ 0.0000, 0.0000,
0.0000

■ 44.0127, 52.6173,
41.0941

■ 44.0127, 52.6173,
41.0941

■ 39.4896, 50.4732,
32.4724

■ 49.1440, 55.0454,
51.2158

■ 35.5469, 48.5959,
25.2760

■ 54.9012, 57.7607,
62.9005

■ 32.1611, 46.9764,
19.4289

■ 61.3068, 60.7749,
76.2117

■ 29.3053, 45.6026,
14.8470

■ 68.3807, 64.0970,
91.2087

■ 26.9499, 44.4614,
11.4364

■ 75.3256, 67.4091,
103.6489

■ 25.0623, 43.5383,
9.0902

■ 79.9453, 69.7907,
103.8651

■ 23.6051, 42.8168,
7.6821

■ 22.5184, 42.2711,
6.9723

Harmonies

Analogous

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



47.7739, 52.6173, 36.0706



44.0127, 52.6173, 41.0941



41.9270, 52.6173, 50.8968

Triad

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



44.0127, 52.6173, 41.0941



47.7255, 52.6173, 85.4833



59.0879, 52.6173, 51.0292

Complementary

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



44.0127, 52.6173, 41.0941



43.7373, 40.0046, 60.0629

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.



59.0730, 52.6173, 64.2002



44.0127, 52.6173, 41.0941



52.3172, 52.6173, 85.5334

Square

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



44.0127, 52.6173, 41.0941



43.9791, 52.6173, 77.1395



56.5313, 52.6173, 77.2673



56.5710, 52.6173, 41.1781

Rectangle

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



44.0127, 52.6173, 41.0941



41.6807, 52.6173, 59.4589



56.5313, 52.6173, 77.2673



59.3836, 52.6173, 55.1770

Sweetspot

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



44.0141, 52.6196, 41.0952



88.8524, 97.0784, 96.2596



48.1500, 50.7861, 40.5234



18.8790, 20.7131, 20.3222



0.0000, 0.0000, 0.0000



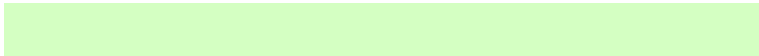
20.3446, 21.4041, 23.3091

Same Dimension

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



44.0141, 52.6196, 41.0952



72.6720, 89.4265, 64.3521



42.2210, 51.6117, 44.7836



10.7916, 12.0395, 11.3178



14.3971, 26.9173, 4.4367



0.7560, 1.3128, 0.2136

Inverse Universe

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



43.7373, 40.0046, 60.0629



72.1031, 63.6577, 103.0947



45.9066, 41.2281, 55.4098



10.7614, 10.6508, 13.4061



13.6004, 6.2455, 35.2330



0.7146, 0.3321, 1.6716

Previews

White Background



This preview shows how the XYZ color 44.0127, 52.6173, 41.0941 looks on a white background.

Color Contrast Check

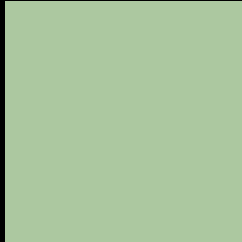
Large Text (above 18pt) WCAG AA × Fail

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 44.0127, 52.6173, 41.0941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

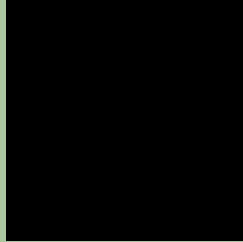
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.0127, 52.6173, 41.0941

Background



This preview shows how black text looks on a background with the XYZ color 44.0127, 52.6173, 41.0941.



This preview shows how white text looks on a background with the XYZ color 44.0127, 52.6173,

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

44.0127, 52.6173, 41.0941

Protanopia

49.2602, 52.3584, 38.9624

Deuteranopia

53.2665, 52.1410, 41.9071



Tritanopia

49.4010, 52.4467, 67.8411

Trichromacy



Original Color

44.0127, 52.6173, 41.0941

Protanomaly

47.1158, 52.2244, 39.4953

Deuteranomaly

49.5636, 52.1321, 41.6326

Tritanomaly

47.2754, 52.5886, 56.9491

Monochromacy



Original Color

44.0127, 52.6173, 41.0941

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.0769, 50.8187, 48.9754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0127, 52.6173, 41.0941 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, 200, 160)` looks like.

```
.text, #text, p{  
    color:rgb(172, 200, 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(172, 200, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 200, 160) }
```

Border

The CSS property to change the border of an element to XYZ 44.0127, 52.6173, 41.0941 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, 200, 160) }
```


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

```
.border{ border-color:rgb(172, 200, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 200, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 200, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 200, 160);  
box-shadow:4px 4px 4px 4px rgb(172, 200,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0127, 52.6173, 41.0941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 200, 160) }
```

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

```
.background{ background-color: rgb(172,  
200, 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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