

Converting Colors

XYZ(43.0074, 52.1037, 51.9327)

Have a look what the booklet for
XYZ(43.0074, 52.1037, 51.9327)
contains.

XYZ(43.0404, 52.2186, 52.0667)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.0404, 52.2186,
52.0667)**

Conversions

Conversions Part 1

Format	Color
Hex	9CC9B6
RGB	156, 201, 182
RGB Percent	61%, 79%, 71%
CMY	0.3882, 0.2117, 0.2863
CMYK	0.22, 0.00, 0.09, 0.21
HSL	155°, 29%, 70%
HSV	155°, 22%, 79%
XYZ	43.0404, 52.2186, 52.0667
YIQ	185.3790, -20.7210, -15.4490

Conversions

Conversions Part 2

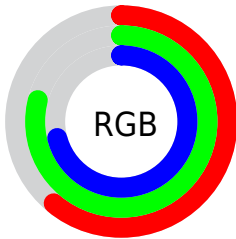
Format	Color
R _Y B	156, 185, 201
Decimal	10275254
CIE Lab	77.41, -18.68, 4.66
CIE LCh	77, 19.250, 166.001
Yxy	52.2186, 0.2921, 0.3544
Android (android.graphics.Color)	4288465334 (0xFF9CC9B6)
YUV	185.3790, -1.6658, -25.7654
Hunter-Lab	72.2624, -20.1425, 7.8639

Details

The XYZ color **43.0404, 52.2186, 52.0667** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.7155, 39.2908, 45.8394**, and the grayscale version is **46.3435, 48.7570, 53.0964**.

A 20% lighter version of the original color is **78.0566, 91.5419, 94.4443**, and **20.1051, 25.3955, 24.6110** is the 20% darker color. If you saturate the color by 10%, you get **38.6176, 50.0383, 47.4194**, and if you desaturate by 10%, it is **48.1630, 54.7564, 57.0265**.

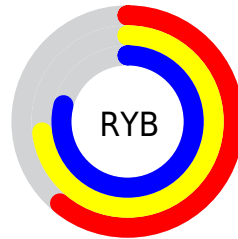
Distribution



Red (61%)

Green (79%)

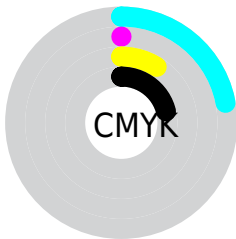
Blue (71%)



Red (61%)

Yellow (73%)

Blue (79%)

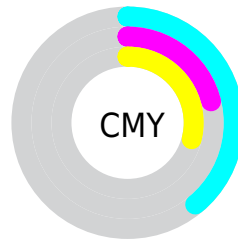


Cyan (22%)

Magenta (0%)

Yellow (9%)

Black (21%)



Cyan (39%)


Magenta (21%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0404, 52.2186, 52.0667 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 43.0404, 52.2186, 52.0667 by changing the saturation by 10% instead.

 43.0404, 52.2186,
52.0667


 43.0404, 52.2186,
52.0667


349.6966,
395.2799, 411.6583

 30.1115, 37.1793,
36.6756


 79.0272, 93.4535,
94.6572

 20.0717, 25.3464,
24.6626

 102.8157,
120.4180, 122.6937

 12.5557, 16.3353,
15.6092

130.9548,
152.1264, 155.7824

 7.1982, 9.7617,
9.0967

163.8099,
188.9630, 194.3419

 3.6338, 5.2413,
4.7066

201.7462,
231.3123, 238.7907

 1.4971, 2.3895,
2.0205

245.1292,

 0.3239, 0.8205,

279.5586, 289.5473

0.5678

294.3242,
334.0863, 347.0304

■ 0.0000, 0.0000,
0.0000

■ 43.0404, 52.2186,
52.0667

■ 43.0404, 52.2186,
52.0667

■ 38.6176, 50.0383,
47.4194

■ 48.1630, 54.7564,
57.0265

■ 34.8575, 48.1922,
43.0748

■ 54.0113, 57.6606,
62.3015

■ 31.7265, 46.6644,
39.0273

■ 60.6154, 60.9481,
67.8988

■ 29.1858, 45.4351,
35.2700

■ 68.0021, 64.6326,
73.8242

■ 27.1922, 44.4823,
31.7955

■ 75.6418, 68.4409,
80.0573

■ 25.6963, 43.7804,
28.5960

■ 76.8251, 68.9142,
86.2885

■ 24.6390, 43.2991,
25.6632

■ 78.0668, 69.4109,
92.8269

■ 24.0475, 43.0392,
23.6023

■ 79.3675, 69.9312,
99.6766

■ 80.1776, 70.2552,
103.9425

Harmonies

Analogous

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



44.6854, 52.2186, 43.8385



43.0404, 52.2186, 52.0667



43.0990, 52.2186, 62.6644

Triad

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



43.0404, 52.2186, 52.0667



51.6205, 52.2186, 78.7925



54.7432, 52.2186, 43.4162

Complementary

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



43.0404, 52.2186, 52.0667



43.7155, 39.2908, 45.8394

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.



56.7944, 52.2186, 51.4203



43.0404, 52.2186, 52.0667



54.9312, 52.2186, 72.2275

Square

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



43.0404, 52.2186, 52.0667



47.9300, 52.2186, 79.0220



56.8649, 52.2186, 61.9328



51.3742, 52.2186, 39.2807

Rectangle

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



43.0404, 52.2186, 52.0667



44.0930, 52.2186, 69.7027



56.8649, 52.2186, 61.9328



55.6169, 52.2186, 45.6956

Sweetspot

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



43.0419, 52.2208, 52.0679



87.5952, 96.2944, 102.3405



44.6807, 53.3478, 39.3954



18.6179, 20.5458, 21.7868



0.0000, 0.0000, 0.0000



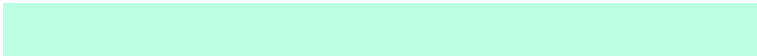
20.3446, 21.4041, 23.3091

Same Dimension

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



43.0419, 52.2208, 52.0679



69.7637, 87.4649, 85.1050



44.4487, 51.6753, 62.8926



10.7500, 11.9889, 12.6338



15.1661, 27.0788, 15.0849



0.7537, 1.2964, 0.9019

Inverse Universe

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



43.7155, 39.2908, 45.8394



71.1249, 61.3588, 72.5346



42.4878, 39.6153, 36.8603



10.8166, 10.7100, 12.0174



16.2167, 8.2362, 6.3510



0.8039, 0.4044, 0.4904

Previews

White Background



This preview shows how the XYZ color 43.0404, 52.2186, 52.0667 looks on a white background.

Color Contrast Check

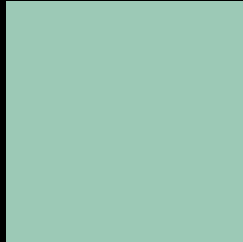
Large Text (above 18pt) WCAG AA × Fail

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 43.0404, 52.2186, 52.0667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

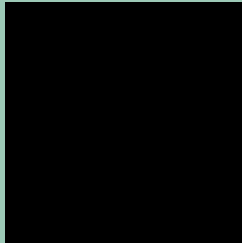
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

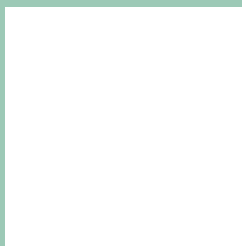
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0404, 52.2186, 52.0667

Background



This preview shows how black text looks on a background with the XYZ color 43.0404, 52.2186, 52.0667.



This preview shows how white text looks on a background with the XYZ color 43.0404, 52.2186,

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

43.0404, 52.2186, 52.0667

Protanopia

49.5386, 51.9673, 48.4940

Deuteranopia

52.7614, 51.6326, 53.0842



Tritanopia

46.7502, 52.3674, 69.9313

Trichromacy



Original Color

43.0404, 52.2186, 52.0667

Protanomaly

46.8561, 51.8652, 49.6609

Deuteranomaly

48.5510, 51.3640, 52.7027

Tritanomaly

45.2339, 52.0788, 62.9265

Monochromacy



Original Color

43.0404, 52.2186, 52.0667

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.7381, 49.7210, 52.5866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0404, 52.2186, 52.0667 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(156, 201, 182)` looks like.

```
.text, #text, p{  
    color:rgb(156, 201, 182)  
}
```

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(156, 201, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 201, 182) }
```

Border

The CSS property to change the border of an element to XYZ 43.0404, 52.2186, 52.0667 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(156, 201, 182) }
```


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

```
.border{ border-color:rgb(156, 201, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 201, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 201, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 201, 182); box-shadow:4px 4px 4px 4px rgb(156, 201, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0404, 52.2186, 52.0667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 201, 182) }
```

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

```
.background{ background-color: rgb(156,  
201, 182) }
```

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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