

Converting Colors

XYZ(43.8673, 55.1709, 51.7766)

Have a look what the booklet for
XYZ(43.8673, 55.1709, 51.7766)
contains.

XYZ(43.7430, 55.0824, 51.5065)	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(43.7430, 55.0824,
51.5065)**

Conversions

Conversions Part 1

Format	Color
Hex	98D0B4
RGB	152, 208, 180
RGB Percent	60%, 82%, 71%
CMY	0.4039, 0.1843, 0.2941
CMYK	0.27, 0.00, 0.13, 0.18
HSL	150°, 37%, 71%
HSV	150°, 27%, 82%
XYZ	43.7430, 55.0824, 51.5065
YIQ	188.0640, -24.3880, -20.5800

Conversions

Conversions Part 2

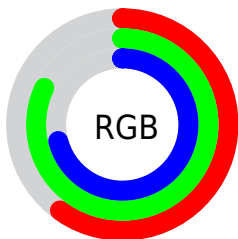
Format	Color
RYB	152, 189, 208
Decimal	10014900
CIELab	79.09, -23.83, 8.11
CIElCh	79, 25.173, 161.202
Yxy	55.0824, 0.2910, 0.3664
Android (android.graphics.Color)	4288204980 (0xFF98D0B4)
YUV	188.0640, -3.9756, -31.6281
Hunter-Lab	74.2175, -24.6747, 10.8054

Details

The XYZ color **43.7430, 55.0824, 51.5065** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.4808, 39.1631, 48.3445**, and the grayscale version is **47.8693, 50.3623, 54.8445**.

A 20% lighter version of the original color is **76.6324, 90.8415, 92.8521**, and **20.3676, 26.9674, 24.2104** is the 20% darker color. If you saturate the color by 10%, you get **39.1662, 52.8423, 45.9679**, and if you desaturate by 10%, it is **49.0851, 57.7108, 57.4983**.

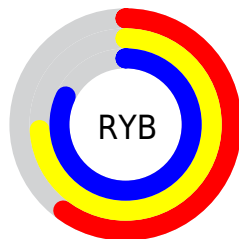
Distribution



Red (60%)

Green (82%)

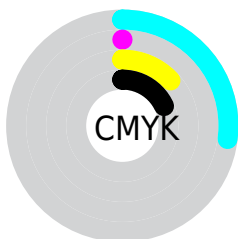
Blue (71%)



Red (60%)

Yellow (74%)

Blue (82%)

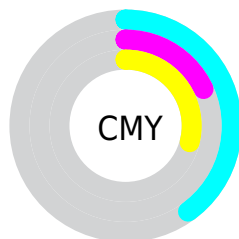


Cyan (27%)

Magenta (0%)

Yellow (13%)

Black (18%)



Cyan (40%)


Magenta (18%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7430, 55.0824, 51.5065 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 43.7430, 55.0824, 51.5065 by changing the saturation by 10% instead.


 43.7430, 55.0824,
51.5065


 43.7430, 55.0824,
51.5065


352.5284,
406.2242, 409.4311

 30.6656, 39.4677,
36.2323


 80.0796, 97.6617,
93.8222

 20.4949, 27.1238,
24.3226


 104.0695,
125.3950, 121.7008

 12.8656, 17.6662,
15.3587


132.4276,
157.9367, 154.6179

 7.4124, 10.7106,
8.9221

165.5193,
195.6712, 192.9922

 3.7700, 5.8726,
4.5943

203.7098,
238.9828, 237.2421

 1.5728, 2.7678,
1.9567

247.3646,

 0.3746, 1.0117,

288.2558, 287.7862

0.5285

296.8490,
343.8749, 345.0430

■ 0.0000, 0.0000,
0.0000

■ 43.7430, 55.0824,
51.5065

■ 43.7430, 55.0824,
51.5065

■ 39.1662, 52.8423,
45.9679

■ 49.0851, 57.7108,
57.4983

■ 35.3127, 50.9647,
40.8681

■ 55.2226, 60.7384,
63.9501

■ 32.1434, 49.4310,
36.1969

■ 62.1897, 64.1840,
70.8730

■ 29.6134, 48.2182,
31.9427

■ 70.0169, 68.0633,
78.2769

■ 27.6719, 47.3006,
28.0929

■ 78.3631, 72.2002,
86.1537

■ 26.2603, 46.6479,
24.6343

■ 79.8849, 72.8090,
94.1675

■ 25.3012, 46.2207,
21.5522

■ 81.4957, 73.4533,
102.6497

■ 25.0554, 46.1132,
20.6761

■ 81.8469, 73.5937,
104.4990

Harmonies

Analogous

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



46.2536, 55.0824, 41.4984



43.7430, 55.0824, 51.5065



43.4503, 55.0824, 65.5041

Triad

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



43.7430, 55.0824, 51.5065



54.2506, 55.0824, 91.3621



59.9525, 55.0824, 43.5559

Complementary

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



43.7430, 55.0824, 51.5065



45.4808, 39.1631, 48.3445

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.



62.3983, 55.0824, 54.7669



43.7430, 55.0824, 51.5065



58.9689, 55.0824, 83.2549

Square

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



43.7430, 55.0824, 51.5065



49.3069, 55.0824, 90.1138



62.0272, 55.0824, 69.3251



55.5244, 55.0824, 37.4398

Rectangle

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



43.7430, 55.0824, 51.5065



44.5291, 55.0824, 75.4561



62.0272, 55.0824, 69.3251



61.0461, 55.0824, 46.7715

Sweetspot

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



43.7445, 55.0847, 51.5077



86.3399, 95.6945, 100.1461



47.2657, 57.1969, 38.2555



18.1504, 20.3197, 21.0947



0.0000, 0.0000, 0.0000



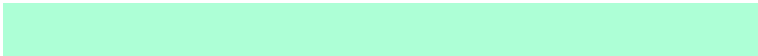
20.3446, 21.4041, 23.3091

Same Dimension

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



43.7445, 55.0847, 51.5077



65.2451, 85.3151, 76.7797



46.7773, 56.2978, 67.4780



11.8993, 13.3035, 13.8260



15.6640, 28.7585, 13.1429



0.9159, 1.6240, 0.9458

Inverse Universe

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



45.4808, 39.1631, 48.3445



68.4238, 56.1661, 70.9885



42.9866, 38.1654, 35.2100



12.0517, 11.9054, 13.5482



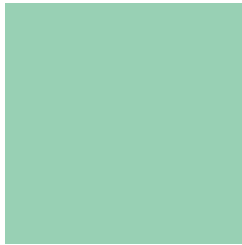
17.8187, 9.0003, 9.2173



1.0364, 0.5193, 0.7263

Previews

White Background



This preview shows how the XYZ color 43.7430, 55.0824, 51.5065 looks on a white background.

Color Contrast Check

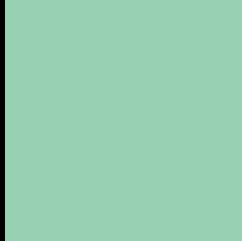
Large Text (above 18pt) WCAG AA × Fail

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 43.7430, 55.0824, 51.5065 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 43.7430, 55.0824, 51.5065

Background



This preview shows how black text looks on a background with the XYZ color 43.7430, 55.0824, 51.5065.



This preview shows how white text looks on a background with the XYZ color 43.7430, 55.0824,

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

43.7430, 55.0824, 51.5065

Protanopia

51.9598, 54.8847, 47.3904

Deuteranopia

55.5484, 54.3326, 52.9069



Tritanopia

48.4039, 54.8291, 75.0498

Trichromacy



Original Color

43.7430, 55.0824, 51.5065

Protanomaly

48.4983, 54.7574, 49.0874

Deuteranomaly

50.3105, 53.9184, 52.5554

Tritanomaly

46.5169, 54.7616, 65.8760

Monochromacy



Original Color

43.7430, 55.0824, 51.5065

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

45.9513, 51.6470, 53.4459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7430, 55.0824, 51.5065 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(152, 208, 180)` looks like.

```
.text, #text, p{  
    color:rgb(152, 208, 180)  
}
```

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(152, 208, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 208, 180) }
```

Border

The CSS property to change the border of an element to XYZ 43.7430, 55.0824, 51.5065 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(152, 208, 180) }
```


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

```
.border{ border-color:rgb(152, 208, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 208, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 208, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 208, 180);  
box-shadow:4px 4px 4px 4px rgb(152, 208,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7430, 55.0824, 51.5065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 208, 180) }
```

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

```
.background{ background-color: rgb(152,  
208, 180) }
```

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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