

Converting Colors

XYZ(42.9218, 51.5184, 50.6001)

Have a look what the booklet for
XYZ(42.9218, 51.5184, 50.6001)
contains.

XYZ(42.9597, 51.5131, 50.8588)	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(42.9597, 51.5131,
50.8588)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC7B4
RGB	159, 199, 180
RGB Percent	62%, 78%, 71%
CMY	0.3765, 0.2196, 0.2941
CMYK	0.20, 0.00, 0.10, 0.22
HSL	151°, 26%, 70%
HSV	151°, 20%, 78%
XYZ	42.9597, 51.5131, 50.8588
YIQ	184.8740, -17.7410, -14.3890

Conversions

Conversions Part 2

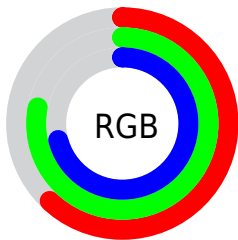
Format	Color
RYB	159, 185, 199
Decimal	10471348
CIELab	76.99, -17.10, 5.15
CIELCh	77, 17.855, 163.246
Yxy	51.5131, 0.2956, 0.3545
Android (android.graphics.Color)	4288661428 (0xFF9FC7B4)
YUV	184.8740, -2.4029, -22.6915
Hunter-Lab	71.7726, -18.7604, 8.2274

Details

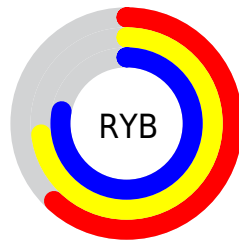
The XYZ color **42.9597, 51.5131, 50.8588** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.9890, 40.1540, 47.5537**, and the grayscale version is **46.0652, 48.4642, 52.7775**.

A 20% lighter version of the original color is **78.6319, 91.8723, 92.9457**, and **20.0196, 24.9089, 23.8314** is the 20% darker color. If you saturate the color by 10%, you get **38.3964, 49.2696, 45.7889**, and if you desaturate by 10%, it is **48.2269, 54.1148, 56.3068**.

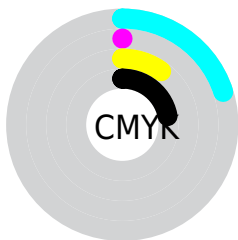
Distribution



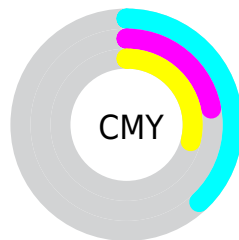
- Red (62%)
- Green (78%)
- Blue (71%)



- Red (62%)
- Yellow (73%)
- Blue (78%)



- Cyan (20%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)



- Cyan (38%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9597, 51.5131, 50.8588 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 42.9597, 51.5131, 50.8588 by changing the saturation by 10% instead.


 42.9597, 51.5131,
50.8588


 42.9597, 51.5131,
50.8588


349.3703,
392.5540, 406.8458

 30.0479, 36.6171,
35.7203

 78.9061, 92.4128,
92.8554

 20.0232, 24.9112,
23.9303


 102.6715,
119.1853, 120.5506

 12.5203, 16.0109,
15.0702


130.7853,
150.6854, 153.2684

 7.1737, 9.5319,
8.7215

163.6131,
187.2975, 191.4273

 3.6183, 5.0897,
4.4656

201.5201,
229.4060, 235.4460

 1.4885, 2.3000,
1.8841

244.8718,

 0.3180, 0.7737,

277.3953, 285.7430

0.4826

294.0334,
331.6499, 342.7367

■ 0.0000, 0.0000,
0.0000

■ 42.9597, 51.5131,
50.8588

■ 42.9597, 51.5131,
50.8588

■ 38.3964, 49.2696,
45.7889

■ 48.2269, 54.1148,
56.3068

■ 34.5011, 47.3615,
41.0853

■ 54.2233, 57.0832,
62.1373

■ 31.2410, 45.7737,
36.7406

■ 60.9782, 60.4347,
68.3593

■ 28.5788, 44.4869,
32.7457

■ 68.5179, 64.1828,
74.9802

■ 26.4731, 43.4801,
29.0914

■ 75.5667, 67.6697,
81.9463

■ 24.8767, 42.7291,
25.7676

■ 76.9099, 68.2070,
89.0197

■ 23.7343, 42.2054,
22.7637

■ 78.3259, 68.7734,
96.4764

■ 22.9471, 41.8579,
20.0922

■ 79.7144, 69.3288,
103.7881

Harmonies

Analogous

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



44.6142, 51.5131, 43.5165



42.9597, 51.5131, 50.8588



42.8648, 51.5131, 60.4933

Triad

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



42.9597, 51.5131, 50.8588



50.4763, 51.5131, 76.3783



53.8841, 51.5131, 44.2049

Complementary

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



42.9597, 51.5131, 50.8588



43.9890, 40.1540, 47.5537

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.



55.6109, 51.5131, 51.9039



42.9597, 51.5131, 50.8588



53.5828, 51.5131, 70.8761

Square

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



42.9597, 51.5131, 50.8588



47.0996, 51.5131, 76.0142



55.4981, 51.5131, 61.6660



50.8721, 51.5131, 39.9908

Rectangle

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



42.9597, 51.5131, 50.8588



43.6908, 51.5131, 67.0025



55.4981, 51.5131, 61.6660



54.6402, 51.5131, 46.4300

Sweetspot

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



42.9611, 51.5153, 50.8599



88.4951, 96.7535, 102.6002



45.1199, 52.8569, 40.6258



18.7951, 20.6367, 21.8171



0.0000, 0.0000, 0.0000



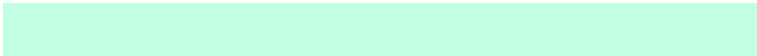
20.3446, 21.4041, 23.3091

Same Dimension

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



42.9611, 51.5153, 50.8599



71.6744, 88.4499, 85.1945



44.8790, 52.0375, 61.7143



10.7262, 11.9793, 12.5081



14.7993, 26.9321, 13.1538



0.7372, 1.2898, 0.8147

Inverse Universe

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



43.9890, 40.1540, 47.5537



73.7894, 65.0754, 78.3934



42.3258, 39.6726, 38.2283



10.8401, 10.7194, 12.1414



16.5034, 8.3509, 7.8610



0.8180, 0.4100, 0.5647

Previews

White Background



This preview shows how the XYZ color 42.9597, 51.5131, 50.8588 looks on a white background.

Color Contrast Check

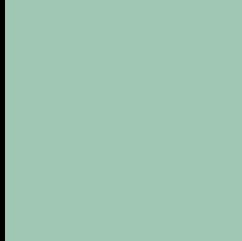
Large Text (above 18pt) WCAG AA × Fail

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 42.9597, 51.5131, 50.8588 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 42.9597, 51.5131, 50.8588

Background



This preview shows how black text looks on a background with the XYZ color 42.9597, 51.5131, 50.8588.



This preview shows how white text looks on a background with the XYZ color 42.9597, 51.5131,

50.8588.

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

42.9597, 51.5131, 50.8588

Protanopia

48.7004, 51.2261, 47.8783

Deuteranopia

52.0591, 50.9875, 51.8975



Tritanopia

46.6650, 51.6827, 68.4890

Trichromacy



Original Color

42.9597, 51.5131, 50.8588

Protanomaly

46.5342, 51.3815, 49.0600

Deuteranomaly

48.1270, 50.8490, 51.5342

Tritanomaly

45.1530, 51.3899, 61.5723

Monochromacy



Original Color

42.9597, 51.5131, 50.8588

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.8652, 49.4759, 51.9849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9597, 51.5131, 50.8588 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(159, 199, 180)` looks like.

```
.text, #text, p{  
    color:rgb(159, 199, 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(159, 199, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 199, 180) }
```

Border

The CSS property to change the border of an element to XYZ 42.9597, 51.5131, 50.8588 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(159, 199, 180) }
```


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

```
.border{ border-color:rgb(159, 199, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 199, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 199, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 199, 180);  
box-shadow:4px 4px 4px 4px rgb(159, 199,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9597, 51.5131, 50.8588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 199, 180) }
```

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

```
.background{ background-color: rgb(159,  
199, 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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