

Converting Colors

XYZ(42.6152, 50.7258, 50.2471)

Have a look what the booklet for
XYZ(42.6152, 50.7258, 50.2471)
contains.

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Color

**XYZ(42.6001, 50.6608,
50.1811)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C5B3
RGB	160, 197, 179
RGB Percent	63%, 77%, 70%
CMY	0.3725, 0.2274, 0.2980
CMYK	0.19, 0.00, 0.09, 0.23
HSL	151°, 24%, 70%
HSV	151°, 19%, 77%
XYZ	42.6001, 50.6608, 50.1811
YIQ	183.8850, -16.2740, -13.4420

Conversions

Conversions Part 2

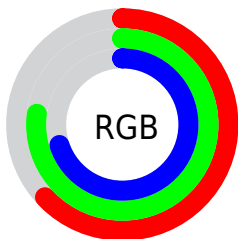
Format	Color
RYB	160, 184, 197
Decimal	10536371
CIELab	76.47, -15.95, 4.95
CIELCh	76, 16.698, 162.756
Yxy	50.6608, 0.2970, 0.3532
Android (android.graphics.Color)	4288726451 (0xFFA0C5B3)
YUV	183.8850, -2.4083, -20.9471
Hunter-Lab	71.1764, -17.7239, 8.0226

Details

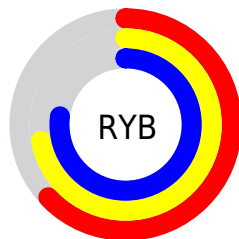
The XYZ color **42.6001, 50.6608, 50.1811** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.6344, 40.2274, 47.5864**, and the grayscale version is **45.5169, 47.8873, 52.1493**.

A 20% lighter version of the original color is **78.4615, 91.3289, 92.0901**, and **19.7727, 24.3394, 23.3945** is the 20% darker color. If you saturate the color by 10%, you get **38.0338, 48.4163, 45.0823**, and if you desaturate by 10%, it is **47.8607, 53.2582, 55.6663**.

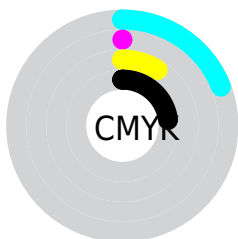
Distribution



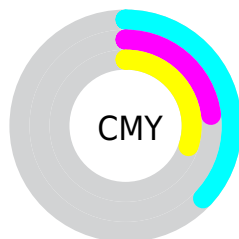
- Red (63%)
- Green (77%)
- Blue (70%)



- Red (63%)
- Yellow (72%)
- Blue (77%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)





- Cyan (37%)
- Magenta (23%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6001, 50.6608, 50.1811 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 42.6001, 50.6608, 50.1811 by changing the saturation by 10% instead.


 42.6001, 50.6608,
50.1811


 42.6001, 50.6608,
50.1811


347.9140,
389.2445, 404.1291

 29.7646, 35.9387,
35.1851


 78.3665, 91.1532,
91.8422

 19.8072, 24.3869,
23.5208


 102.0282,
117.6923, 119.3444

 12.3624, 15.6209,
14.7696


130.0293,
148.9392, 151.8525

 7.0650, 9.2563,
8.5131

162.7352,
185.2783, 189.7849

 3.5494, 4.9087,
4.3325

200.5113,
227.0940, 233.5602

 1.4505, 2.1938,
1.8095

243.7229,

 0.2918, 0.7166,

274.7706, 283.5970

0.4342

292.7354,
328.6927, 340.3138

■ 0.0000, 0.0000,
0.0000

■ 42.6001, 50.6608,
50.1811

■ 42.6001, 50.6608,
50.1811

■ 38.0338, 48.4163,
45.0823

■ 47.8607, 53.2582,
55.6663

■ 34.1270, 46.5028,
40.3581

■ 53.8400, 56.2168,
61.5427

■ 30.8478, 44.9054,
36.0006

■ 60.5666, 59.5525,
67.8195

■ 28.1604, 43.6057,
32.0005

■ 68.0660, 63.2784,
74.5043

■ 26.0246, 42.5833,
28.3483

■ 75.0620, 66.7364,
81.5439

■ 24.3954, 41.8151,
25.0336

■ 76.4217, 67.2803,
88.7041

■ 23.2198, 41.2740,
22.0455

■ 77.8563, 67.8541,
96.2582

■ 22.4116, 40.9157,
19.3712

■ 79.2572, 68.4145,
103.6357

■ 22.3239, 40.8772,
19.0660

Harmonies

Analogous

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



44.1590, 50.6608, 43.3889



42.6001, 50.6608, 50.1811



42.4872, 50.6608, 59.0770

Triad

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



42.6001, 50.6608, 50.1811



49.5002, 50.6608, 73.8502



52.7331, 50.6608, 44.2118

Complementary

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



42.6001, 50.6608, 50.1811



43.6344, 40.2274, 47.5864

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.



54.2983, 50.6608, 51.4220



42.6001, 50.6608, 50.1811



52.3778, 50.6608, 68.8903

Square

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



42.6001, 50.6608, 50.1811



46.3798, 50.6608, 73.4243



54.1655, 50.6608, 60.4599



49.9679, 50.6608, 40.2090

Rectangle

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



42.6001, 50.6608, 50.1811



43.2394, 50.6608, 65.0798



54.1655, 50.6608, 60.4599



53.4223, 50.6608, 46.3049

Sweetspot

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



42.6015, 50.6629, 50.1822



88.4679, 96.7426, 102.4568



44.7882, 51.9971, 40.9341



18.7887, 20.6342, 21.7833



0.0000, 0.0000, 0.0000



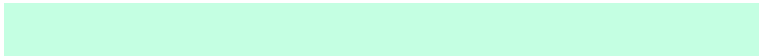
20.3446, 21.4041, 23.3091

Same Dimension

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



42.6015, 50.6629, 50.1822



72.4076, 88.8193, 85.6145



44.5432, 51.4396, 60.4071



10.7210, 11.9773, 12.4809



14.7251, 26.9024, 12.7631



0.7337, 1.2884, 0.7966

Inverse Universe

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



43.6344, 40.2274, 47.5864



74.6338, 66.3279, 80.0204



41.9434, 39.5510, 38.6817



10.8453, 10.7215, 12.1685



16.5711, 8.3780, 8.2174



0.8212, 0.4113, 0.5817

Previews

White Background



This preview shows how the XYZ color 42.6001, 50.6608, 50.1811 looks on a white background.

Color Contrast Check

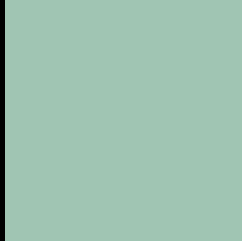
Large Text (above 18pt) WCAG AA × Fail

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 42.6001, 50.6608, 50.1811 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 42.6001, 50.6608, 50.1811

Background



This preview shows how black text looks on a background with the XYZ color 42.6001, 50.6608, 50.1811.



This preview shows how white text looks on a background with the XYZ color 42.6001, 50.6608,

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

42.6001, 50.6608, 50.1811

Protanopia

48.1289, 50.6245, 47.2792

Deuteranopia

51.4659, 50.3886, 51.2694



Tritanopia

45.9722, 50.6933, 67.0363

Trichromacy



Original Color

42.6001, 50.6608, 50.1811

Protanomaly

45.7587, 50.3413, 48.3794

Deuteranomaly

47.5967, 49.9532, 50.8494

Tritanomaly

44.4741, 50.4013, 60.2077

Monochromacy



Original Color

42.6001, 50.6608, 50.1811

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.3203, 48.8866, 51.3561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6001, 50.6608, 50.1811 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(160, 197, 179)` looks like.

```
.text, #text, p{  
    color:rgb(160, 197, 179)  
}
```

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(160, 197, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 197, 179) }
```

Border

The CSS property to change the border of an element to XYZ 42.6001, 50.6608, 50.1811 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(160, 197, 179) }
```


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

```
.border{ border-color:rgb(160, 197, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 197, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 197, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 197, 179);  
box-shadow:4px 4px 4px 4px rgb(160, 197,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6001, 50.6608, 50.1811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 197, 179) }
```

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

```
.background{ background-color: rgb(160,  
197, 179) }
```

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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