

Converting Colors

XYZ(44.1496, 51.4892, 48.7375)

Have a look what the booklet for
XYZ(44.1496, 51.4892, 48.7375)
contains.

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Color

**XYZ(44.1649, 51.5021,
48.6875)**

Conversions

Conversions Part 1

Format	Color
Hex	A9C5B0
RGB	169, 197, 176
RGB Percent	66%, 77%, 69%
CMY	0.3373, 0.2274, 0.3098
CMYK	0.14, 0.00, 0.11, 0.23
HSL	135°, 19%, 72%
HSV	135°, 14%, 77%
XYZ	44.1649, 51.5021, 48.6875
YIQ	186.2340, -9.9470, -12.4670

Conversions

Conversions Part 2

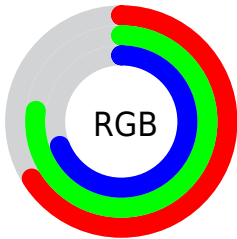
Format	Color
RYB	169, 191, 197
Decimal	11126192
CIELab	76.98, -13.51, 7.38
CIElCh	77, 15.395, 151.373
Yxy	51.5021, 0.3059, 0.3568
Android (android.graphics.Color)	4289316272 (0xFFA9C5B0)
YUV	186.2340, -5.0454, -15.1142
Hunter-Lab	71.7650, -15.7379, 10.0114

Details

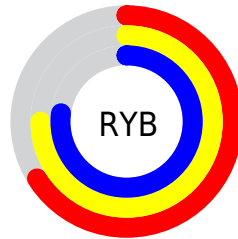
The XYZ color **44.1649, 51.5021, 48.6875** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.5100, 43.9652, 54.7523**, and the grayscale version is **46.8358, 49.2749, 53.6604**.

A 20% lighter version of the original color is **80.7478, 92.5571, 89.9534**, and **20.7967, 24.8821, 22.7754** is the 20% darker color. If you saturate the color by 10%, you get **38.8696, 48.9336, 41.2193**, and if you desaturate by 10%, it is **50.2590, 54.4670, 57.0260**.

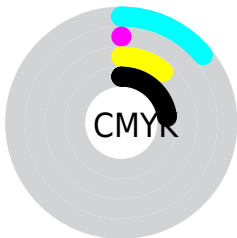
Distribution



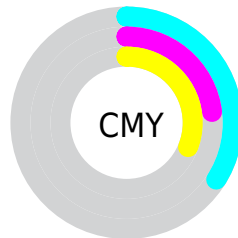
- Red (66%)
- Green (77%)
- Blue (69%)



- Red (66%)
- Yellow (75%)
- Blue (77%)



- Cyan (14%)
- Magenta (0%)
- Yellow (11%)
- Black (23%)



- Cyan (34%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1649, 51.5021, 48.6875 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 44.1649, 51.5021, 48.6875 by changing the saturation by 10% instead.

■ 44.1649, 51.5021,
48.6875

■ 44.1649, 51.5021,
48.6875

354.2216,
392.5114, 398.0978

■ 30.9986, 36.6084,
34.0078

■ 80.7106, 92.3965,
89.6033

■ 20.7496, 24.9044,
22.6222

104.8208,
119.1660, 116.6765

■ 13.0525, 16.0058,
14.1121

133.3097,
150.6629, 148.7180

■ 7.5420, 9.5283,
8.0590

166.5426,
187.2715, 186.1462

■ 3.8526, 5.0873,
4.0444

204.8848,
229.3762, 229.3798

■ 1.6191, 2.2986,
1.6498

248.7019,

■ 0.4048, 0.7730,

277.3615, 278.8372

0.3260

298.3590,
331.6118, 334.9370

■ 0.0000, 0.0000,
0.0000

■ 44.1649, 51.5021,
48.6875

■ 44.1649, 51.5021,
48.6875

■ 38.8696, 48.9336,
41.2193

■ 50.2590, 54.4670,
57.0260

■ 34.3354, 46.7381,
34.5899

■ 57.1792, 57.8373,
66.2581

■ 30.5278, 44.9001,
28.7709

■ 64.9565, 61.6300,
76.4106

■ 27.4081, 43.4001,
23.7311

■ 73.6192, 65.8591,
87.5080

■ 24.9336, 42.2170,
19.4371

■ 78.4437, 68.0891,
99.3516

■ 23.0569, 41.3269,
15.8532

■ 79.2572, 68.4145,
103.6357

■ 21.7237, 40.7027,
12.9407

■ 20.8691, 40.3118,
10.6570

■ 20.5269, 40.1583,
9.6027

Harmonies

Analogous

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



46.0729, 51.5021, 43.3837



44.1649, 51.5021, 48.6875



43.5257, 51.5021, 56.4649

Triad

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



44.1649, 51.5021, 48.6875



49.0864, 51.5021, 73.8278



53.9271, 51.5021, 48.0800

Complementary

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



44.1649, 51.5021, 48.6875



46.5100, 43.9652, 54.7523

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.



54.8099, 51.5021, 55.6910



44.1649, 51.5021, 48.6875



51.9470, 51.5021, 71.0322

Square

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



44.1649, 51.5021, 48.6875



46.2980, 51.5021, 71.4862



54.0714, 51.5021, 64.1788



51.7039, 51.5021, 43.0584

Rectangle

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



44.1649, 51.5021, 48.6875



43.8838, 51.5021, 62.1730



54.0714, 51.5021, 64.1788



54.3944, 51.5021, 50.3932

Sweetspot

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



44.1663, 51.5043, 48.6886



90.1890, 97.6335, 102.3707



48.4817, 53.8069, 45.3672



19.1144, 20.8052, 21.6551



0.0000, 0.0000, 0.0000



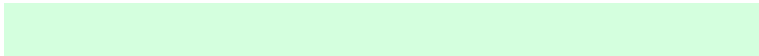
20.3446, 21.4041, 23.3091

Same Dimension

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



44.1663, 51.5043, 48.6886



76.0608, 90.7652, 82.9605



45.5734, 52.0671, 56.0982



10.6044, 11.9307, 11.8671



13.5294, 26.4242, 6.4667



0.6707, 1.2632, 0.4648

Inverse Universe

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



46.5100, 43.9652, 54.7523



81.0500, 74.7137, 95.8673



45.0982, 43.4005, 47.3181



10.9654, 10.7696, 12.8012



18.6831, 9.2228, 19.3388



0.9124, 0.4478, 1.0617

Previews

White Background



This preview shows how the XYZ color 44.1649, 51.5021, 48.6875 looks on a white background.

Color Contrast Check

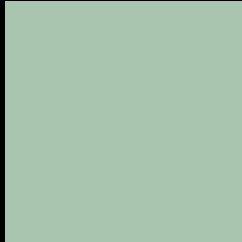
Large Text (above 18pt) WCAG AA × Fail

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 44.1649, 51.5021, 48.6875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

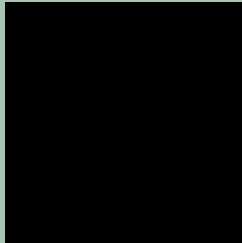
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.1649, 51.5021, 48.6875

Background



This preview shows how black text looks on a background with the XYZ color 44.1649, 51.5021, 48.6875.



This preview shows how white text looks on a background with the XYZ color 44.1649, 51.5021,

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

44.1649, 51.5021, 48.6875

Protanopia

48.6699, 51.2441, 46.3556

Deuteranopia

52.2215, 51.1187, 49.7623



Tritanopia

47.6904, 51.2520, 67.0536

Trichromacy



Original Color

44.1649, 51.5021, 48.6875

Protanomaly

46.8860, 51.2812, 46.9623

Deuteranomaly

48.7841, 50.9166, 49.3762

Tritanomaly

46.2688, 51.3398, 59.6955

Monochromacy



Original Color

44.1649, 51.5021, 48.6875

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.6793, 49.9076, 51.4815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1649, 51.5021, 48.6875 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(169, 197, 176)` looks like.

```
.text, #text, p{  
    color:rgb(169, 197, 176)  
}
```

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(169, 197, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 197, 176) }
```

Border

The CSS property to change the border of an element to XYZ 44.1649, 51.5021, 48.6875 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(169, 197, 176) }
```


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

```
.border{ border-color:rgb(169, 197, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 197, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 197, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 197, 176); box-shadow:4px 4px 4px 4px rgb(169, 197, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1649, 51.5021, 48.6875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 197, 176) }
```

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

```
.background{ background-color: rgb(169,  
197, 176) }
```

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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