

Converting Colors

XYZ(44.1735, 49.5360, 51.4941)

Have a look what the booklet for
XYZ(44.1735, 49.5360, 51.4941)
contains.

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Color

**XYZ(44.0876, 49.4097,
51.4693)**

Conversions

Conversions Part 1

Format	Color
Hex	ACBFB6
RGB	172, 191, 182
RGB Percent	67%, 75%, 71%
CMY	0.3255, 0.2510, 0.2863
CMYK	0.10, 0.00, 0.05, 0.25
HSL	152°, 13%, 71%
HSV	152°, 10%, 75%
XYZ	44.0876, 49.4097, 51.4693
YIQ	184.2930, -8.4350, -6.8270

Conversions

Conversions Part 2

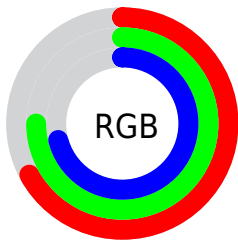
Format	Color
RYB	172, 184, 191
Decimal	11321270
CIELab	75.71, -8.24, 2.32
CIElCh	76, 8.556, 164.295
Yxy	49.4097, 0.3041, 0.3408
Android (android.graphics.Color)	4289511350 (0xFFACBFB6)
YUV	184.2930, -1.1304, -10.7810
Hunter-Lab	70.2920, -11.0548, 5.7910

Details

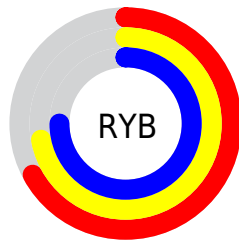
The XYZ color **44.0876, 49.4097, 51.4693** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.5807, 43.9190, 49.8461**, and the grayscale version is **45.7325, 48.1142, 52.3963**.

A 20% lighter version of the original color is **80.3719, 89.0255, 93.8365**, and **20.7967, 23.7550, 24.2580** is the 20% darker color. If you saturate the color by 10%, you get **39.2882, 47.0415, 46.5201**, and if you desaturate by 10%, it is **49.5528, 52.1169, 56.7673**.

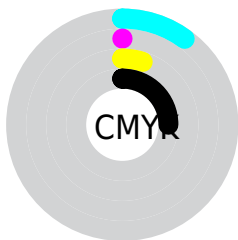
Distribution



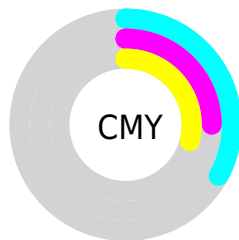
- Red (67%)
- Green (75%)
- Blue (71%)



- Red (67%)
- Yellow (72%)
- Blue (75%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (25%)



- Cyan (33%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.0876, 49.4097, 51.4693 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 44.0876, 49.4097, 51.4693 by changing the saturation by 10% instead.

■ 44.0876, 49.4097,
51.4693

■ 44.0876, 49.4097,
51.4693

353.9118,
384.3530, 409.2829

■ 30.9376, 34.9446,
36.2029

■ 80.5951, 89.2996,
93.7667

■ 20.7029, 23.6202,
24.3000

104.6832,
115.4933, 121.6348

■ 13.0182, 15.0521,
15.3421

133.1482,
146.3652, 154.5405

■ 7.5182, 8.8560,
8.9105

166.3552,
182.2998, 192.9025

■ 3.8374, 4.6474,
4.5869

204.6698,
223.6815, 237.1391

■ 1.6106, 2.0419,
1.9525

248.4572,

■ 0.3993, 0.6316,

270.8946, 287.6690

0.5258

298.0827,
324.3237, 344.9108

■ 0.0000, 0.0000,
0.0000

■ 44.0876, 49.4097,
51.4693

■ 44.0876, 49.4097,
51.4693

■ 39.2882, 47.0415,
46.5201

■ 49.5528, 52.1169,
56.7673

■ 35.1236, 44.9923,
41.9091

■ 55.7048, 55.1697,
62.4177

■ 31.5667, 43.2497,
37.6302

■ 62.5687, 58.5822,
68.4282

■ 28.5867, 41.7979,
33.6755

■ 70.1672, 62.3661,
74.8055

■ 26.1499, 40.6197,
30.0370

■ 73.7711, 64.0832,
81.3336

■ 24.2189, 39.6959,
26.7063

■ 75.0553, 64.5969,
88.0959

■ 22.7513, 39.0049,
23.6744

■ 76.4061, 65.1372,
95.2093

■ 21.6973, 38.5212,
20.9317

■ 77.8246, 65.7046,
102.6788

■ 20.9603, 38.1951,
18.4663

■ 77.9218, 65.7435,
103.1906

Harmonies

Analogous

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



44.8649, 49.4097, 47.7869



44.0876, 49.4097, 51.4693



44.0690, 49.4097, 55.9841

Triad

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



44.0876, 49.4097, 51.4693



47.7194, 49.4097, 62.7132



49.1790, 49.4097, 47.9274

Complementary

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



44.0876, 49.4097, 51.4693



44.5807, 43.9190, 49.8461

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.



49.9798, 49.4097, 51.6710



44.0876, 49.4097, 51.4693



49.1244, 49.4097, 60.2948

Square

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



44.0876, 49.4097, 51.4693



46.1419, 49.4097, 62.6516



49.9596, 49.4097, 56.1975



47.7927, 49.4097, 45.8218

Rectangle

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



44.0876, 49.4097, 51.4693



44.4880, 49.4097, 58.8712



49.9596, 49.4097, 56.1975



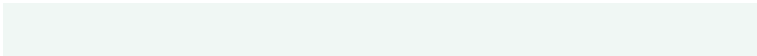
49.5270, 49.4097, 49.0264

Sweetspot

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



44.0890, 49.4118, 51.4704



85.5831, 91.7703, 98.6589



45.1781, 50.0884, 46.3174



18.6154, 20.0638, 21.4936



92.9021, 97.7402, 106.4391



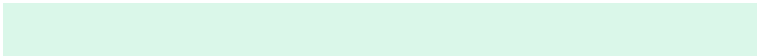
19.4759, 20.4902, 22.3138

Same Dimension

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



44.0890, 49.4118, 51.4704



76.9312, 87.4897, 90.1388



44.9808, 49.6581, 56.5070



9.6129, 10.7313, 11.2108



13.8129, 25.1154, 12.3432



0.5739, 0.9969, 0.6564

Inverse Universe

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



44.5807, 43.9190, 49.8461



77.9939, 75.6195, 86.6287



43.7467, 43.6819, 45.1563



9.7133, 9.6096, 10.8791



15.3869, 7.7859, 7.3312



0.6358, 0.3182, 0.4613

Previews

White Background



This preview shows how the XYZ color 44.0876, 49.4097, 51.4693 looks on a white background.

Color Contrast Check

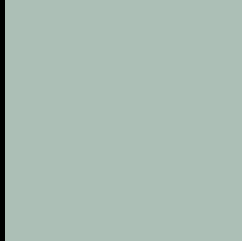
Large Text (above 18pt) WCAG AA × Fail

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 44.0876, 49.4097, 51.4693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

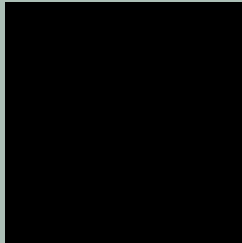
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

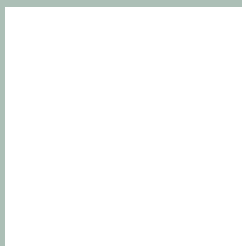
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.0876, 49.4097, 51.4693

Background



This preview shows how black text looks on a background with the XYZ color 44.0876, 49.4097, 51.4693.



This preview shows how white text looks on a background with the XYZ color 44.0876, 49.4097, 51.4693.

51.4693.

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

44.0876, 49.4097, 51.4693

Protanopia

46.9715, 49.0290, 49.6357

Deuteranopia

50.1498, 49.0823, 52.1781



Tritanopia

46.4419, 49.3922, 63.5858

Trichromacy



Original Color

44.0876, 49.4097, 51.4693

Protanomaly

45.7757, 49.0263, 50.2304

Deuteranomaly

47.6801, 49.0373, 51.7519

Tritanomaly

45.5035, 49.3340, 58.7539

Monochromacy



Original Color

44.0876, 49.4097, 51.4693

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.1400, 48.6628, 51.8135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0876, 49.4097, 51.4693 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(172, 191, 182)` looks like.

```
.text, #text, p{  
    color:rgb(172, 191, 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(172, 191, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 191, 182) }
```

Border

The CSS property to change the border of an element to XYZ 44.0876, 49.4097, 51.4693 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(172, 191, 182) }
```


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

```
.border{ border-color:rgb(172, 191, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 191, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 191, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 191, 182);  
box-shadow:4px 4px 4px 4px rgb(172, 191,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0876, 49.4097, 51.4693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 191, 182) }
```

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

```
.background{ background-color: rgb(172,  
191, 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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