

Converting Colors

XYZ(43.9152, 48.8043, 53.6998)

Have a look what the booklet for
XYZ(43.9152, 48.8043, 53.6998)
contains.

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Color

**XYZ(44.0710, 49.0300,
53.5953)**

Conversions

Conversions Part 1

Format	Color
Hex	ABBEBA
RGB	171, 190, 186
RGB Percent	67%, 75%, 73%
CMY	0.3294, 0.2549, 0.2706
CMYK	0.10, 0.00, 0.02, 0.25
HSL	167°, 13%, 71%
HSV	167°, 10%, 75%
XYZ	44.0710, 49.0300, 53.5953
YIQ	183.8630, -10.0400, -5.2720

Conversions

Conversions Part 2

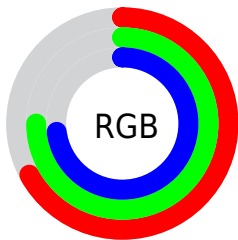
Format	Color
RYB	171, 182, 190
Decimal	11255482
CIELab	75.47, -7.27, -0.21
CIELCh	75, 7.273, 181.627
Yxy	49.0300, 0.3004, 0.3342
Android (android.graphics.Color)	4289445562 (0xFFABBEBA)
YUV	183.8630, 1.0535, -11.2809
Hunter-Lab	70.0214, -10.1908, 3.6337

Details

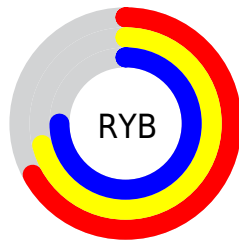
The XYZ color **44.0710, 49.0300, 53.5953** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.5378, 43.1695, 46.5977**, and the grayscale version is **45.4838, 47.8525, 52.1114**.

A 20% lighter version of the original color is **80.3468, 88.4911, 96.8502**, and **20.7870, 23.5067, 25.6320** is the 20% darker color. If you saturate the color by 10%, you get **39.8069, 46.8816, 51.2064**, and if you desaturate by 10%, it is **48.9448, 51.4940, 56.0770**.

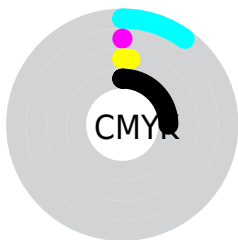
Distribution



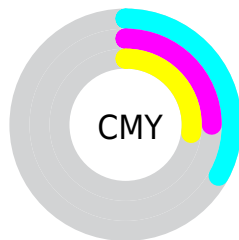
- Red (67%)
- Green (75%)
- Blue (73%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)



- Cyan (33%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.0710, 49.0300, 53.5953 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 44.0710, 49.0300, 53.5953 by changing the saturation by 10% instead.

■ 44.0710, 49.0300,
53.5953

■ 44.0710, 49.0300,
53.5953

353.8453,
382.8604, 417.6958

■ 30.9245, 34.6433,
37.8872

■ 80.5703, 88.7360,
96.9302

■ 20.6929, 23.3882,
25.5940

104.6537,
114.8241, 125.3941

■ 13.0109, 14.8804,
16.2971

133.1135,
145.5814, 158.9470

■ 7.5131, 8.7355,
9.5780

166.3150,
181.3924, 198.0075

■ 3.8342, 4.5691,
5.0182

204.6236,
222.6413, 242.9940

■ 1.6087, 1.9967,
2.1990

248.4046,

■ 0.3981, 0.6056,

269.7127, 294.3253

0.6738

298.0233,
322.9910, 352.4197

■ 0.0000, 0.0000,
0.0000

■ 44.0710, 49.0300,
53.5953

■ 44.0710, 49.0300,
53.5953

■ 39.8069, 46.8816,
51.2064

■ 48.9448, 51.4940,
56.0770

■ 36.1229, 45.0295,
48.9053

■ 54.4479, 54.2797,
58.6499

■ 32.9933, 43.4619,
46.6914

■ 60.6043, 57.4008,
61.3165

■ 30.3886, 42.1636,
44.5628

■ 67.4353, 60.8683,
64.0785

■ 28.2768, 41.1180,
42.5174

■ 70.7966, 62.5456,
66.7422

■ 26.6221, 40.3067,
40.5531

■ 71.2892, 62.7426,
69.3363

■ 25.3839, 39.7088,
38.6674

■ 71.7943, 62.9447,
71.9961

■ 24.5141, 39.2996,
36.8576

■ 72.3119, 63.1518,
74.7221

■ 23.9178, 39.0301,
35.1187

■ 72.8423, 63.3639,
77.5147

Harmonies

Analogous

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



44.3691, 49.0300, 49.9520



44.0710, 49.0300, 53.5953



44.4400, 49.0300, 57.3526

Triad

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



44.0710, 49.0300, 53.5953



47.9670, 49.0300, 59.9241



47.8378, 49.0300, 47.1471

Complementary

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



44.0710, 49.0300, 53.5953



43.5378, 43.1695, 46.5977

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.



48.8320, 49.0300, 49.6053



44.0710, 49.0300, 53.5953



48.9076, 49.0300, 56.9725

Square

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



44.0710, 49.0300, 53.5953



46.6748, 49.0300, 61.1134



49.2271, 49.0300, 53.1759



46.5284, 49.0300, 46.3378

Rectangle

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



44.0710, 49.0300, 53.5953



45.0189, 49.0300, 59.3874



49.2271, 49.0300, 53.1759



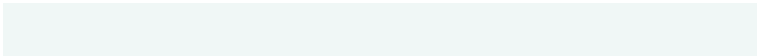
48.2208, 49.0300, 47.8020

Sweetspot

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



44.0724, 49.0321, 53.5964



85.8810, 91.8895, 100.2274



43.4711, 48.8968, 45.6758



18.6979, 20.0968, 21.9283



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.



44.0724, 49.0321, 53.5964



78.0739, 87.9468, 96.1560



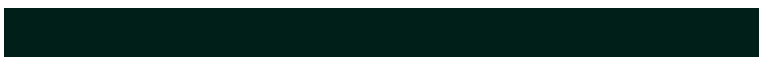
43.3593, 46.9152, 55.4878



9.7202, 10.7742, 11.7758



15.9326, 25.9633, 23.5056



0.6461, 1.0258, 1.0365

Inverse Universe

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



43.5378, 43.1695, 46.5977



76.9105, 75.1861, 80.9232



44.1882, 45.0902, 44.9033



9.6102, 9.5684, 10.3363



14.3990, 7.3908, 2.1289



0.5884, 0.2993, 0.2118

Previews

White Background



This preview shows how the XYZ color 44.0710, 49.0300, 53.5953 looks on a white background.

Color Contrast Check

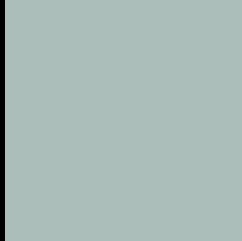
Large Text (above 18pt) WCAG AA × Fail

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 44.0710, 49.0300, 53.5953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

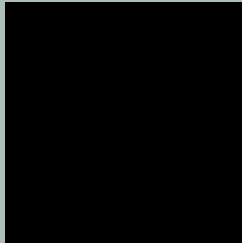
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

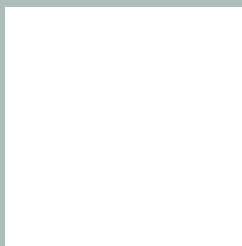
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.0710, 49.0300, 53.5953

Background



This preview shows how black text looks on a background with the XYZ color 44.0710, 49.0300, 53.5953.



This preview shows how white text looks on a background with the XYZ color 44.0710, 49.0300,

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

44.0710, 49.0300, 53.5953

Protanopia

46.8825, 48.9356, 51.7743

Deuteranopia

49.7555, 48.8299, 54.3797



Tritanopia

45.8866, 48.8036, 62.8787

Trichromacy



Original Color

44.0710, 49.0300, 53.5953

Protanomaly

45.7135, 48.9464, 52.3856

Deuteranomaly

47.5960, 48.9452, 53.9525

Tritanomaly

45.1806, 48.8362, 59.2696

Monochromacy



Original Color

44.0710, 49.0300, 53.5953

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.9063, 48.2043, 52.8365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0710, 49.0300, 53.5953 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(171, 190, 186)` looks like.

```
.text, #text, p{  
    color:rgb(171, 190, 186)  
}
```

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(171, 190, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 190, 186) }
```

Border

The CSS property to change the border of an element to XYZ 44.0710, 49.0300, 53.5953 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(171, 190, 186) }
```


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

```
.border{ border-color:rgb(171, 190, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 190, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 190, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 190, 186); box-shadow:4px 4px 4px 4px rgb(171, 190, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0710, 49.0300, 53.5953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 190, 186) }
```

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

```
.background{ background-color: rgb(171,  
190, 186) }
```

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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