

Converting Colors

XYZ(44.5679, 51.9355, 53.7305)

Have a look what the booklet for
XYZ(44.5679, 51.9355, 53.7305)
contains.

XYZ(44.4681, 51.8903, 53.5710)	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(44.4681, 51.8903,
53.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C6B9
RGB	165, 198, 185
RGB Percent	65%, 78%, 73%
CMY	0.3529, 0.2235, 0.2745
CMYK	0.17, 0.00, 0.07, 0.22
HSL	156°, 22%, 71%
HSV	156°, 17%, 78%
XYZ	44.4681, 51.8903, 53.5710
YIQ	186.6510, -15.4950, -11.0390

Conversions

Conversions Part 2

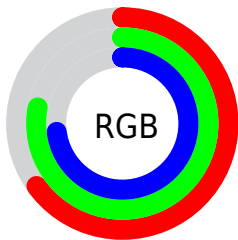
Format	Color
RYB	165, 186, 198
Decimal	10864313
CIELab	77.22, -13.63, 2.83
CIElCh	77, 13.923, 168.288
Yxy	51.8903, 0.2966, 0.3461
Android (android.graphics.Color)	4289054393 (0xFFA5C6B9)
YUV	186.6510, -0.8139, -18.9879
Hunter-Lab	72.0349, -15.8707, 6.3316

Details

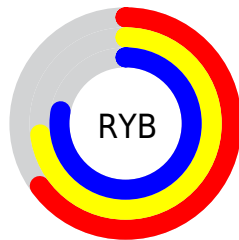
The XYZ color **44.4681, 51.8903, 53.5710** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.7816, 42.1318, 47.8939**, and the grayscale version is **47.0494, 49.4996, 53.9051**.

A 20% lighter version of the original color is **81.1524, 93.0865, 96.9094**, and **20.9482, 25.1232, 25.5750** is the 20% darker color. If you saturate the color by 10%, you get **39.8634, 49.6105, 49.1744**, and if you desaturate by 10%, it is **49.7586, 54.5213, 58.2378**.

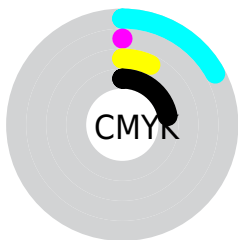
Distribution



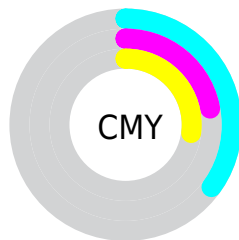
- Red (65%)
- Green (78%)
- Blue (73%)



- Red (65%)
- Yellow (73%)
- Blue (78%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)





- Cyan (35%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4681, 51.8903, 53.5710 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 44.4681, 51.8903, 53.5710 by changing the saturation by 10% instead.


 44.4681, 51.8903,
53.5710

 44.4681, 51.8903,
53.5710


355.4351,
394.0130, 417.6003

 31.2382, 36.9176,
37.8680


 81.1637, 92.9694,
96.8941

 20.9330, 25.1437,
25.5792


 105.3600,
119.8447, 125.3512

 13.1872, 16.1842,
16.2862


133.9425,
151.4563, 158.8968

 7.6355, 9.6546,
9.5703

167.2765,
188.1886, 197.9494

 3.9124, 5.1705,
5.0132

205.7274,
230.4260, 242.9275

 1.6527, 2.3477,
2.1961

249.6606,

 0.4264, 0.7988,

278.5530, 294.2496

0.6721

299.4414,
332.9538, 352.3344

■ 0.0000, 0.0000,
0.0000

■ 44.4681, 51.8903,
53.5710

■ 44.4681, 51.8903,
53.5710

■ 39.8634, 49.6105,
49.1744

■ 49.7586, 54.5213,
58.2378

■ 35.9101, 47.6599,
45.0393

■ 55.7585, 57.5112,
63.1764

■ 32.5774, 46.0242,
41.1617

■ 62.4957, 60.8759,
68.3926

■ 29.8302, 44.6854,
37.5359

■ 69.9953, 64.6282,
73.8912

■ 27.6297, 43.6235,
34.1560

■ 74.8907, 67.0324,
79.5179

■ 25.9322, 42.8162,
31.0159

■ 75.9734, 67.4655,
85.2198

■ 24.6870, 42.2373,
28.1089

■ 77.1054, 67.9183,
91.1806

■ 23.8272, 41.8525,
25.4275

■ 78.2872, 68.3910,
97.4037

■ 23.5847, 41.7460,
24.5813

■ 79.4851, 68.8701,
103.7117

Harmonies

Analogous

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



45.5909, 51.8903, 47.2815



44.4681, 51.8903, 53.5710



44.6103, 51.8903, 61.2338

Triad

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



44.4681, 51.8903, 53.5710



50.9466, 51.8903, 71.6204



52.8111, 51.8903, 46.2317

Complementary

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



44.4681, 51.8903, 53.5710



44.7816, 42.1318, 47.8939

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.



54.3504, 51.8903, 52.0161



44.4681, 51.8903, 53.5710



53.2475, 51.8903, 66.8444

Square

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



44.4681, 51.8903, 53.5710



48.2867, 51.8903, 72.1322



54.5130, 51.8903, 59.5333



50.3683, 51.8903, 43.3066

Rectangle

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



44.4681, 51.8903, 53.5710



45.4042, 51.8903, 66.0952



54.5130, 51.8903, 59.5333



53.4551, 51.8903, 47.8810

Sweetspot

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



44.4696, 51.8925, 53.5722



89.7155, 97.3422, 104.4836



45.3934, 52.5958, 43.3576



19.0480, 20.7581, 22.2331



0.0000, 0.0000, 0.0000



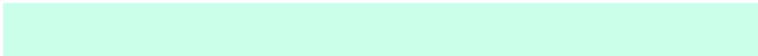
20.3446, 21.4041, 23.3091

Same Dimension

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



44.4696, 51.8925, 53.5722



75.6437, 90.3501, 91.9787



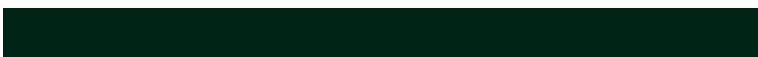
45.1598, 50.9746, 60.8876



10.7629, 11.9940, 12.7014



15.3801, 27.1644, 16.2119



0.7632, 1.3002, 0.9514

Inverse Universe

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



44.7816, 42.1318, 47.8939



76.3001, 69.8326, 80.0453



44.1400, 42.8399, 41.5406



10.8040, 10.7050, 11.9513



16.0792, 8.1813, 5.6271



0.7968, 0.4016, 0.4533

Previews

White Background



This preview shows how the XYZ color 44.4681, 51.8903, 53.5710 looks on a white background.

Color Contrast Check

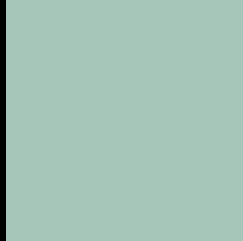
Large Text (above 18pt) WCAG AA × Fail

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 44.4681, 51.8903, 53.5710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

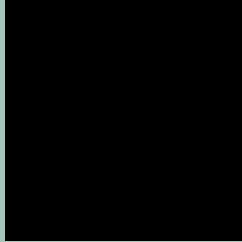
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4681, 51.8903, 53.5710

Background



This preview shows how black text looks on a background with the XYZ color 44.4681, 51.8903, 53.5710.



This preview shows how white text looks on a background with the XYZ color 44.4681, 51.8903,

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

44.4681, 51.8903, 53.5710

Protanopia

49.4166, 51.8580, 50.5851

Deuteranopia

52.5121, 51.4671, 54.7434



Tritanopia

47.2868, 51.6717, 68.4541

Trichromacy



Original Color

44.4681, 51.8903, 53.5710

Protanomaly

47.5210, 51.8316, 51.7558

Deuteranomaly

49.1596, 51.3205, 54.3286

Tritanomaly

46.2062, 51.5721, 62.7774

Monochromacy



Original Color

44.4681, 51.8903, 53.5710

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.0841, 50.3905, 53.7518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4681, 51.8903, 53.5710 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(165, 198, 185)` looks like.

```
.text, #text, p{  
    color:rgb(165, 198, 185)  
}
```

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(165, 198, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 198, 185) }
```

Border

The CSS property to change the border of an element to XYZ 44.4681, 51.8903, 53.5710 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(165, 198, 185) }
```


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

```
.border{ border-color:rgb(165, 198, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 198, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 198, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 198, 185); box-shadow:4px 4px 4px 4px rgb(165, 198, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4681, 51.8903, 53.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 198, 185) }
```

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

```
.background{ background-color: rgb(165,  
198, 185) }
```

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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