

Converting Colors

XYZ(42.6441, 51.5799, 54.1737)

Have a look what the booklet for
XYZ(42.6441, 51.5799, 54.1737)
contains.

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Color

**XYZ(42.6541, 51.6260,
54.1711)**

Conversions

Conversions Part 1

Format	Color
Hex	99C8BA
RGB	153, 200, 186
RGB Percent	60%, 78%, 73%
CMY	0.4000, 0.2157, 0.2706
CMYK	0.24, 0.00, 0.07, 0.22
HSL	162°, 30%, 69%
HSV	162°, 24%, 78%
XYZ	42.6541, 51.6260, 54.1711
YIQ	184.3510, -23.5180, -14.3180

Conversions

Conversions Part 2

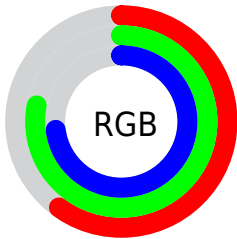
Format	Color
RYB	153, 181, 200
Decimal	10078394
CIELab	77.06, -18.30, 1.97
CIELCh	77, 18.407, 173.870
Yxy	51.6260, 0.2873, 0.3478
Android (android.graphics.Color)	4288268474 (0xFF99C8BA)
YUV	184.3510, 0.8130, -27.4948
Hunter-Lab	71.8512, -19.7741, 5.5951

Details

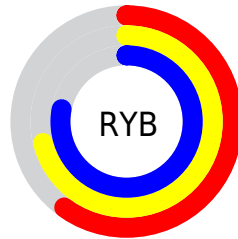
The XYZ color **42.6541, 51.6260, 54.1711** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.1875, 37.8533, 41.6443**, and the grayscale version is **45.7602, 48.1432, 52.4280**.

A 20% lighter version of the original color is **77.7994, 91.3407, 97.5345**, and **19.8794, 25.0179, 25.9715** is the 20% darker color. If you saturate the color by 10%, you get **38.5710, 49.5941, 50.7428**, and if you desaturate by 10%, it is **47.3993, 53.9989, 57.7705**.

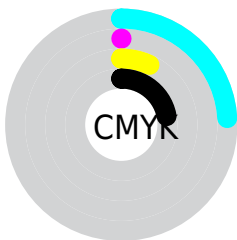
Distribution



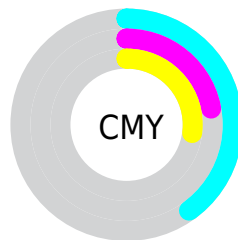
- Red (60%)
- Green (78%)
- Blue (73%)



- Red (60%)
- Yellow (71%)
- Blue (78%)



- Cyan (24%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)





- Cyan (40%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6541, 51.6260, 54.1711 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 42.6541, 51.6260, 54.1711 by changing the saturation by 10% instead.


 42.6541, 51.6260,
54.1711


 42.6541, 51.6260,
54.1711


348.1330,
392.9911, 419.9552

 29.8072, 36.7071,
38.3444


 78.4476, 92.5794,
97.7844

 19.8396, 24.9808,
25.9462


 102.1249,
119.3827, 126.4080

 12.3861, 16.0627,
16.5580


130.1429,
150.9162, 160.1343

 7.0813, 9.5685,
9.7612

162.8672,
187.5644, 199.3818

 3.5598, 5.1138,
5.1374

200.6630,
229.7115, 244.5691

 1.4562, 2.3142,
2.2680

243.8956,

 0.2958, 0.7812,

277.7421, 296.1148

0.7132

292.9305,
332.0405, 354.4373

■ 0.0000, 0.0000,
0.0000

■ 42.6541, 51.6260,
54.1711

■ 42.6541, 51.6260,
54.1711

■ 38.5710, 49.5941,
50.7428

■ 47.3993, 53.9989,
57.7705

■ 35.1137, 47.8805,
47.4789

■ 52.8319, 56.7217,
61.5405

■ 32.2492, 46.4695,
44.3774

■ 58.9810, 59.8107,
65.4852

■ 29.9394, 45.3415,
41.4346

■ 65.8730, 63.2796,
69.6073

■ 28.1419, 44.4747,
38.6469

■ 73.5327, 67.1410,
73.9097

■ 26.8077, 43.8438,
36.0102

■ 75.0467, 67.8310,
78.0702

■ 25.8776, 43.4185,
33.5198

■ 75.8586, 68.1557,
82.3452

■ 25.4199, 43.2162,
31.9755

■ 76.6989, 68.4919,
86.7702

■ 77.5680, 68.8395,
91.3468

Harmonies

Analogous

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



43.8126, 51.6260, 45.5589



42.6541, 51.6260, 54.1711



43.1471, 51.6260, 64.4098

Triad

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



42.6541, 51.6260, 54.1711



51.8536, 51.6260, 75.8249



53.1608, 51.6260, 41.9892

Complementary

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



42.6541, 51.6260, 54.1711



42.1875, 37.8533, 41.6443

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.



55.5093, 51.6260, 48.7410



42.6541, 51.6260, 54.1711



54.7298, 51.6260, 68.4082

Square

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



42.6541, 51.6260, 54.1711



48.3511, 51.6260, 77.7256



56.0968, 51.6260, 58.3034



49.7939, 51.6260, 39.0867

Rectangle

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



42.6541, 51.6260, 54.1711



44.3583, 51.6260, 70.7138



56.0968, 51.6260, 58.3034



54.1019, 51.6260, 43.8421

Sweetspot

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



42.6556, 51.6281, 54.1723



87.9407, 96.4326, 104.1599



42.3632, 51.8370, 37.9107



18.6979, 20.5779, 22.2085



0.0000, 0.0000, 0.0000



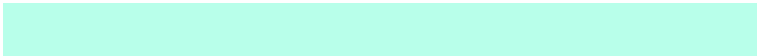
20.3446, 21.4041, 23.3091

Same Dimension

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



42.6556, 51.6281, 54.1723



70.2438, 87.5860, 90.8415



42.1075, 48.0318, 61.6977



10.8069, 12.0116, 12.9332



16.2032, 27.4936, 20.5462



0.7980, 1.3141, 1.1350

Inverse Universe

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



42.1875, 37.8533, 41.6443



69.3014, 59.7766, 65.5614



42.5618, 40.5626, 35.7241



10.7617, 10.6881, 11.7286



15.6916, 8.0262, 3.5860



0.7754, 0.3930, 0.3406

Previews

White Background



This preview shows how the XYZ color 42.6541, 51.6260, 54.1711 looks on a white background.

Color Contrast Check

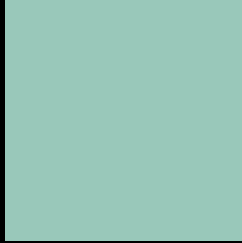
Large Text (above 18pt) WCAG AA × Fail

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 42.6541, 51.6260, 54.1711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

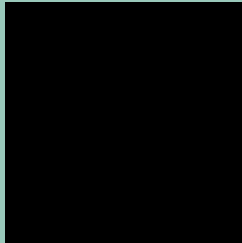
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6541, 51.6260, 54.1711

Background



This preview shows how black text looks on a background with the XYZ color 42.6541, 51.6260, 54.1711.

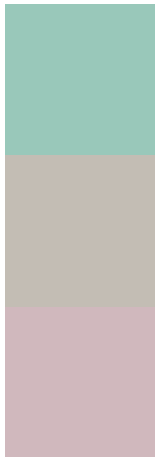


This preview shows how white text looks on a background with the XYZ color 42.6541, 51.6260,

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

42.6541, 51.6260, 54.1711

Protanopia

48.9415, 51.2926, 50.5010

Deuteranopia

52.3382, 51.3650, 55.3000



Tritanopia

45.7241, 51.5024, 69.8184

Trichromacy



Original Color

42.6541, 51.6260, 54.1711

Protanomaly

46.3359, 51.2206, 51.7004

Deuteranomaly

48.2296, 51.1491, 54.9077

Tritanomaly

44.4560, 51.3122, 64.0611

Monochromacy



Original Color

42.6541, 51.6260, 54.1711

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.4040, 49.2139, 53.0578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6541, 51.6260, 54.1711 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(153, 200, 186)` looks like.

```
.text, #text, p{  
    color:rgb(153, 200, 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(153, 200, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 200, 186) }
```

Border

The CSS property to change the border of an element to XYZ 42.6541, 51.6260, 54.1711 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(153, 200, 186) }
```


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

```
.border{ border-color:rgb(153, 200, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 200, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 200, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 200, 186);  
box-shadow:4px 4px 4px 4px rgb(153, 200,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6541, 51.6260, 54.1711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 200, 186) }
```

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

```
.background{ background-color: rgb(153,  
200, 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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