

Converting Colors

XYZ(43.2467, 49.8136, 66.4621)

Have a look what the booklet for
XYZ(43.2467, 49.8136, 66.4621)
contains.

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Color

**XYZ(43.3553, 50.0192,
66.4011)**

Conversions

Conversions Part 1

Format	Color
Hex	96C3CF
RGB	150, 195, 207
RGB Percent	59%, 76%, 81%
CMY	0.4118, 0.2353, 0.1882
CMYK	0.28, 0.06, 0.00, 0.19
HSL	193°, 37%, 70%
HSV	193°, 28%, 81%
XYZ	43.3553, 50.0192, 66.4011
YIQ	182.9130, -30.6720, -5.8080

Conversions

Conversions Part 2

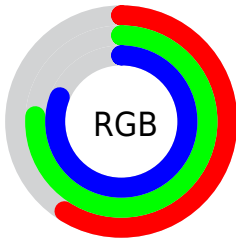
Format	Color
R_{YB}	150, 175, 207
Decimal	9880527
CIE _{Lab}	76.08, -12.01, -10.84
CIE _{LCh}	76, 16.181, 222.077
Yxy	50.0192, 0.2714, 0.3131
Android (android.graphics.Color)	4288070607 (0xFF96C3CF)
YUV	182.9130, 11.8749, -28.8647
Hunter-Lab	70.7243, -14.3436, -6.1588

Details

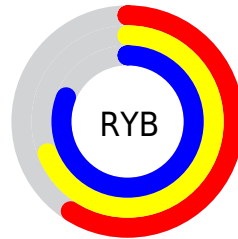
The XYZ color **43.3553, 50.0192, 66.4011** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.1582, 41.3086, 34.5014**, and the grayscale version is **44.9123, 47.2512, 51.4566**.

A 20% lighter version of the original color is **78.0372, 89.8199, 107.8317**, and **20.2044, 23.8910, 33.6835** is the 20% darker color. If you saturate the color by 10%, you get **38.9158, 46.3035, 65.9187**, and if you desaturate by 10%, it is **48.4992, 54.1428, 66.9268**.

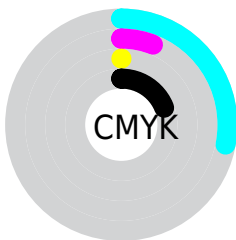
Distribution



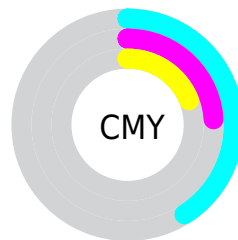
- Red (59%)
- Green (76%)
- Blue (81%)



- Red (59%)
- Yellow (69%)
- Blue (81%)



- Cyan (28%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)





- Cyan (41%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3553, 50.0192, 66.4011 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 43.3553, 50.0192, 66.4011 by changing the saturation by 10% instead.

 43.3553, 50.0192,
66.4011


 43.3553, 50.0192,
66.4011


350.9677,
386.7410, 466.2533

 30.3597, 35.4287,
48.1395


 79.4991, 90.2033,
115.6943

 20.2612, 23.9933,
33.5766


 103.3781,
116.5657, 147.5630

 12.6944, 15.3286,
22.2938

131.6155,
147.6208, 184.8046

 7.2940, 9.0503,
13.8726

164.5768,
183.7530, 227.8375

 3.6946, 4.7740,
7.8944

202.6273,
225.3467, 277.0803

 1.5309, 2.1153,
3.9406

246.1324,

 0.3467, 0.6732,

272.7864, 332.9515

1.5928

295.4574,
326.4564, 395.8696

■ 0.0000, 0.0000,
0.2857

■ 0.0000, 0.0000,
0.0000

■ 43.3553, 50.0192,
66.4011

■ 43.3553, 50.0192,
66.4011

■ 38.9158, 46.3035,
65.9187

■ 48.4992, 54.1428,
66.9268

■ 35.1404, 42.9709,
65.4744

■ 54.3760, 58.6856,
67.4939

■ 31.9920, 40.0030,
65.0675

■ 61.0181, 63.6660,
68.1051

■ 29.4272, 37.3773,
64.6959

■ 68.4546, 69.0992,
68.7619

■ 27.3974, 35.0683,
64.3572

■ 76.7130, 74.9997,
69.4655

■ 25.8456, 33.0461,
64.0487

■ 78.3979, 77.5556,
69.8700

■ 24.6922, 31.2693,
63.7665

■ 79.5644, 79.8885,
70.2589

■ 24.4362, 30.8521,
63.6995

■ 80.7609, 82.2816,
70.6577

■ 81.9877, 84.7352,
71.0667

Harmonies

Analogous

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



42.0796, 50.0192, 58.0214



43.3553, 50.0192, 66.4011



45.7748, 50.0192, 71.8926

Triad

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



43.3553, 50.0192, 66.4011



53.2914, 50.0192, 59.7492



46.3355, 50.0192, 39.7478

Complementary

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



43.3553, 50.0192, 66.4011



44.1582, 41.3086, 34.5014

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.



49.3536, 50.0192, 40.1051



43.3553, 50.0192, 66.4011



53.4572, 50.0192, 51.0520

Square

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



43.3553, 50.0192, 66.4011



51.5456, 50.0192, 67.7809



51.9894, 50.0192, 44.0480



43.7508, 50.0192, 43.0139

Rectangle

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



43.3553, 50.0192, 66.4011



47.7528, 50.0192, 72.8561



51.9894, 50.0192, 44.0480



47.3313, 50.0192, 39.4586

Sweetspot

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



43.3568, 50.0212, 66.4022



86.5844, 93.6249, 108.1157



41.3600, 53.6980, 42.0896



18.2112, 19.7940, 23.1107



0.0000, 0.0000, 0.0000



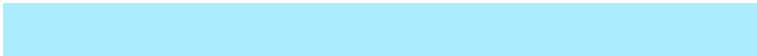
20.3446, 21.4041, 23.3091

Same Dimension

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



43.3568, 50.0212, 66.4022



65.1793, 76.5958, 105.9569



37.6784, 38.6644, 64.5094



11.9383, 12.9669, 15.1173



15.4662, 19.5790, 40.1565



0.9190, 1.2032, 2.2634

Inverse Universe

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



46.4901, 39.0195, 56.7131



71.1026, 56.4604, 87.4913



49.6300, 52.2521, 36.3253



12.1998, 11.9646, 14.3278



20.4373, 10.0478, 23.0070



1.1701, 0.5728, 1.4305

Previews

White Background



This preview shows how the XYZ color 43.3553, 50.0192, 66.4011 looks on a white background.

Color Contrast Check

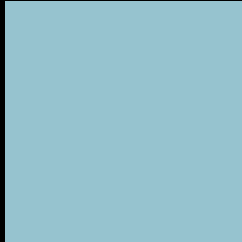
Large Text (above 18pt) WCAG AA × Fail

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 43.3553, 50.0192, 66.4011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

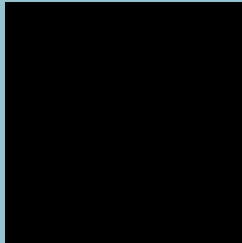
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3553, 50.0192, 66.4011

Background



This preview shows how black text looks on a background with the XYZ color 43.3553, 50.0192, 66.4011.

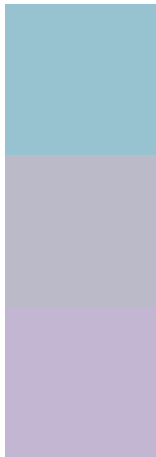


This preview shows how white text looks on a background with the XYZ color 43.3553, 50.0192,

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

43.3553, 50.0192, 66.4011

Protanopia

48.3512, 49.7740, 62.3173

Deuteranopia

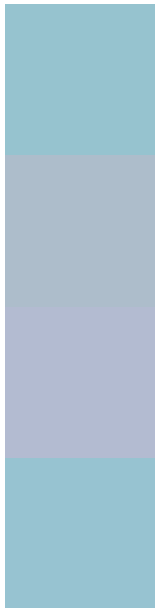
50.8665, 49.7111, 67.8870



Tritanopia

43.9105, 50.2627, 68.3601

Trichromacy



Original Color

43.3553, 50.0192, 66.4011

Protanomaly

46.2107, 49.5912, 63.6364

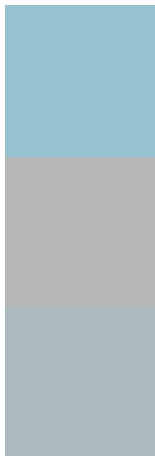
Deuteranomaly

47.8694, 49.7278, 67.3970

Tritanomaly

43.7862, 50.2130, 67.7059

Monochromacy



Original Color

43.3553, 50.0192, 66.4011

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.0793, 48.0043, 56.8117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3553, 50.0192, 66.4011 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(150, 195, 207)` looks like.

```
.text, #text, p{  
    color:rgb(150, 195, 207)  
}
```

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(150, 195, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 195, 207) }
```

Border

The CSS property to change the border of an element to XYZ 43.3553, 50.0192, 66.4011 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(150, 195, 207) }
```


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

```
.border{ border-color:rgb(150, 195, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 195, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 195, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 195, 207);  
box-shadow:4px 4px 4px 4px rgb(150, 195,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3553, 50.0192, 66.4011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 195, 207) }
```

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

```
.background{ background-color: rgb(150,  
195, 207) }
```

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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