

Converting Colors

XYZ(43.8250, 51.0491, 67.3472)

Have a look what the booklet for
XYZ(43.8250, 51.0491, 67.3472)
contains.

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Color

**XYZ(43.7458, 50.8761,
67.1889)**

Conversions

Conversions Part 1

Format	Color
Hex	95C5D0
RGB	149, 197, 208
RGB Percent	58%, 77%, 82%
CMY	0.4157, 0.2274, 0.1843
CMYK	0.28, 0.05, 0.00, 0.18
HSL	191°, 39%, 70%
HSV	191°, 28%, 82%
XYZ	43.7458, 50.8761, 67.1889
YIQ	183.9020, -32.1390, -6.7550

Conversions

Conversions Part 2

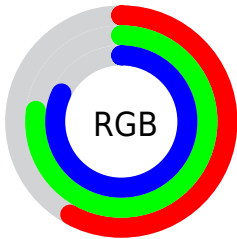
Format	Color
RYB	149, 175, 208
Decimal	9815504
CIELab	76.60, -13.11, -10.61
CIELCh	77, 16.866, 218.980
Yxy	50.8761, 0.2704, 0.3144
Android (android.graphics.Color)	4288005584 (0xFF95C5D0)
YUV	183.9020, 11.8803, -30.6091
Hunter-Lab	71.3275, -15.3474, -5.9206

Details

The XYZ color **43.7458, 50.8761, 67.1889** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.0086, 40.7217, 33.9754**, and the grayscale version is **45.4563, 47.8235, 52.0798**.

A 20% lighter version of the original color is **78.3937, 90.9410, 108.0293**, and **20.4791, 24.4648, 34.2147** is the 20% darker color. If you saturate the color by 10%, you get **39.4158, 47.3549, 66.7383**, and if you desaturate by 10%, it is **48.7792, 54.7960, 67.6811**.

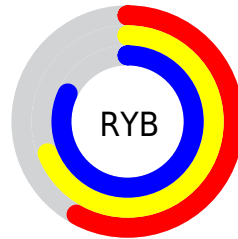
Distribution



Red (58%)

Green (77%)

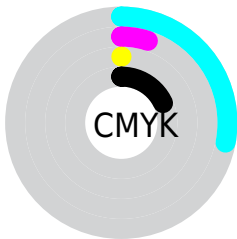
Blue (82%)



Red (58%)

Yellow (69%)

Blue (82%)

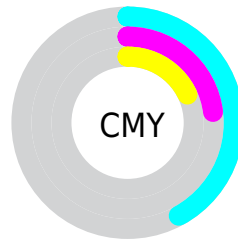


Cyan (28%)

Magenta (5%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (23%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7458, 50.8761, 67.1889 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 43.7458, 50.8761, 67.1889 by changing the saturation by 10% instead.

■ 43.7458, 50.8761,
67.1889

■ 43.7458, 50.8761,
67.1889

352.5397,
390.0822, 469.1367

■ 30.6678, 36.1100,
48.7756

■ 80.0838, 91.4716,
116.8343

■ 20.4966, 24.5192,
34.0772

■ 104.0745,
118.0698, 148.9034

■ 12.8669, 15.7192,
22.6750

132.4335,
149.3808, 186.3616

■ 7.4133, 9.3257,
14.1507

165.5261,
185.7891, 229.6273

■ 3.7705, 4.9542,
8.0856

203.7176,
227.6790, 279.1191

■ 1.5731, 2.2204,
4.0612

247.3735,

■ 0.3748, 0.7311,

275.4348, 335.2556

1.6590

296.8591,
329.4411, 398.4553

■ 0.0000, 0.0000,
0.3324

■ 0.0000, 0.0000,
0.0000

■ 43.7458, 50.8761,
67.1889

■ 43.7458, 50.8761,
67.1889

■ 39.4158, 47.3549,
66.7383

■ 48.7792, 54.7960,
67.6811

■ 35.7485, 44.2075,
66.3241

■ 54.5449, 59.1261,
68.2130

■ 32.7057, 41.4151,
65.9455

■ 61.0760, 63.8848,
68.7873

■ 30.2435, 38.9549,
65.6004

■ 68.4018, 69.0876,
69.4054

■ 28.3120, 36.8009,
65.2864

■ 76.5503, 74.7491,
70.0687

■ 26.8528, 34.9227,
65.0008

■ 78.2886, 77.1408,
70.4387

■ 25.7770, 33.2743,
64.7393

■ 79.3197, 79.2030,
70.7824

■ 25.6160, 33.0154,
64.6978

■ 80.3746, 81.3127,
71.1341

■ 81.4534, 83.4703,
71.4936

Harmonies

Analogous

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



42.5506, 50.8761, 58.1811



43.7458, 50.8761, 67.1889



46.1906, 50.8761, 73.4519

Triad

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



43.7458, 50.8761, 67.1889



54.3069, 50.8761, 61.9342



47.4057, 50.8761, 39.8013

Complementary

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



43.7458, 50.8761, 67.1889



44.0086, 40.7217, 33.9754

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.



50.5885, 50.8761, 40.5708



43.7458, 50.8761, 67.1889



54.6673, 50.8761, 52.7001

Square

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



43.7458, 50.8761, 67.1889



52.3156, 50.8761, 70.1941



53.2797, 50.8761, 45.0697



44.6018, 50.8761, 42.8382

Rectangle

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



43.7458, 50.8761, 67.1889



48.2472, 50.8761, 74.8676



53.2797, 50.8761, 45.0697



48.4654, 50.8761, 39.6312

Sweetspot

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



43.7473, 50.8781, 67.1901



85.7554, 93.2050, 108.0783



41.2804, 54.0339, 41.4286



18.0539, 19.7260, 23.1059



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.



43.7473, 50.8781, 67.1901



65.0817, 77.2165, 106.0818



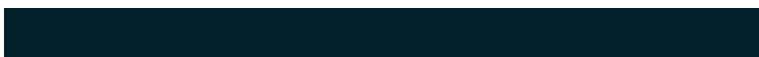
37.7249, 38.8332, 65.1826



11.9632, 13.0167, 15.1256



16.0314, 20.7093, 40.3448



0.9460, 1.2573, 2.2724

Inverse Universe

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



46.8391, 38.9372, 57.8725



70.8543, 55.5986, 88.5338



49.7040, 52.1124, 35.8739



12.2123, 11.9697, 14.3940



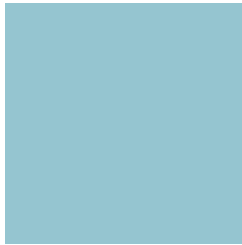
20.7226, 10.1619, 24.5092



1.1837, 0.5782, 1.5024

Previews

White Background



This preview shows how the XYZ color 43.7458, 50.8761, 67.1889 looks on a white background.

Color Contrast Check

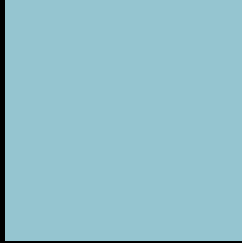
Large Text (above 18pt) WCAG AA × Fail

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 43.7458, 50.8761, 67.1889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

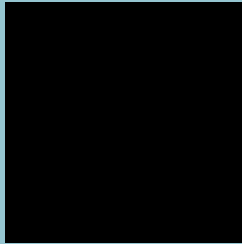
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7458, 50.8761, 67.1889

Background



This preview shows how black text looks on a background with the XYZ color 43.7458, 50.8761, 67.1889.



This preview shows how white text looks on a background with the XYZ color 43.7458, 50.8761,

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

43.7458, 50.8761, 67.1889

Protanopia

49.1700, 50.4963, 63.0323

Deuteranopia

51.4563, 50.3059, 68.6260



Tritanopia

44.2013, 50.7174, 69.7471

Trichromacy



Original Color

43.7458, 50.8761, 67.1889

Protanomaly

46.9854, 50.6199, 64.4210

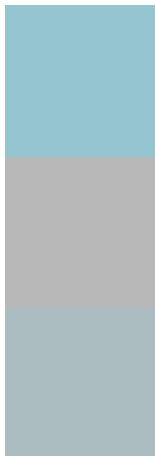
Deuteranomaly

48.2065, 50.2033, 68.1222

Tritanomaly

44.0755, 50.6670, 69.0847

Monochromacy



Original Color

43.7458, 50.8761, 67.1889

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.6178, 48.9034, 57.5398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7458, 50.8761, 67.1889 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(149, 197, 208)` looks like.

```
.text, #text, p{  
    color:rgb(149, 197, 208)  
}
```

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(149, 197, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 197, 208) }
```

Border

The CSS property to change the border of an element to XYZ 43.7458, 50.8761, 67.1889 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(149, 197, 208) }
```


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

```
.border{ border-color:rgb(149, 197, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 197, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 197, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 197, 208);  
box-shadow:4px 4px 4px 4px rgb(149, 197,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7458, 50.8761, 67.1889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 197, 208) }
```

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

```
.background{ background-color: rgb(149,  
197, 208) }
```

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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