

Converting Colors

XYZ(50.5373, 58.7615, 76.5650)

Have a look what the booklet for
XYZ(50.5373, 58.7615, 76.5650)
contains.

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Color

**XYZ(50.4621, 58.7341,
76.3873)**

Conversions

Conversions Part 1

Format	Color
Hex	A0D2DC
RGB	160, 210, 220
RGB Percent	63%, 82%, 86%
CMY	0.3725, 0.1765, 0.1372
CMYK	0.27, 0.05, 0.00, 0.14
HSL	190°, 46%, 75%
HSV	190°, 27%, 86%
XYZ	50.4621, 58.7341, 76.3873
YIQ	196.1900, -33.0100, -7.4900

Conversions

Conversions Part 2

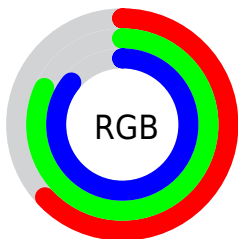
Format	Color
R _{YB}	160, 187, 220
Decimal	10539740
CIE _{Lab}	81.15, -13.86, -10.22
CIE _{LCh}	81, 17.223, 216.400
Yxy	58.7341, 0.2719, 0.3165
Android (android.graphics.Color)	4288729820 (0xFFA0D2DC)
YUV	196.1900, 11.7383, -31.7386
Hunter-Lab	76.6382, -16.5842, -5.4492

Details

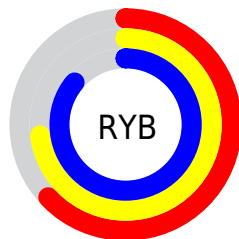
The XYZ color **50.4621, 58.7341, 76.3873** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.2358, 46.5036, 39.5875**, and the grayscale version is **52.5307, 55.2664, 60.1851**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **24.5763, 29.2851, 39.9546** is the 20% darker color. If you saturate the color by 10%, you get **45.5530, 54.8766, 75.9024**, and if you desaturate by 10%, it is **56.1737, 63.0390, 76.9182**.

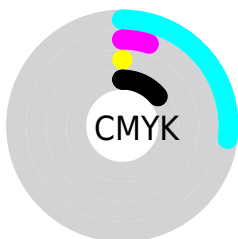
Distribution



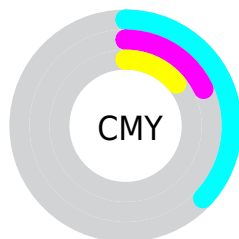
- Red (63%)
- Green (82%)
- Blue (86%)



- Red (63%)
- Yellow (73%)
- Blue (86%)



- Cyan (27%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (37%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4621, 58.7341, 76.3873 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 50.4621, 58.7341, 76.3873 by changing the saturation by 10% instead.

■ 50.4621, 58.7341,
76.3873

■ 50.4621, 58.7341,
76.3873

378.8925,
419.9158, 502.0545

■ 36.0000, 42.3991,
56.2416

■ 90.0469, 102.9911,
130.0393

■ 24.6043, 29.4139,
39.9914

■ 115.9003,
131.6819, 164.3827

■ 15.9097, 19.3942,
27.2181

146.2816,
165.2601, 204.2958

■ 9.5507, 11.9554,
17.5032

181.5560,
204.1101, 250.1970

■ 5.1620, 6.7133,
10.4282

222.0889,
248.6163, 302.5049

■ 2.3784, 3.2835,
5.5745

268.2457,

■ 0.8343, 1.2815,

299.1630, 361.6382

2.5235

320.3918,
356.1347, 428.0152

■ 0.0000, 0.1268,
0.8526

■ 0.0000, 0.0000,
0.0000

■ 50.4621, 58.7341,
76.3873

■ 50.4621, 58.7341,
76.3873

■ 45.5530, 54.8766,
75.9024

■ 56.1737, 63.0390,
76.9182

■ 41.3999, 51.4379,
75.4576

■ 62.7207, 67.8041,
77.4929

■ 37.9598, 48.3971,
75.0520

■ 70.1404, 73.0504,
78.1144

■ 35.1827, 45.7283,
74.6832

■ 78.4665, 78.7952,
78.7845

■ 33.0123, 43.4023,
74.3486

■ 81.9936, 82.0976,
79.2360

■ 31.3826, 41.3847,
74.0451

■ 83.0147, 84.1400,
79.5764

■ 30.2055, 39.6299,
73.7684

■ 84.0574, 86.2254,
79.9240

■ 29.9228, 39.1762,
73.6958

■ 85.1218, 88.3541,
80.2787

■ 86.2079, 90.5264,
80.6408

Harmonies

Analogous

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



49.2555, 58.7341, 66.1759



50.4621, 58.7341, 76.3873



53.1124, 58.7341, 83.7863

Triad

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



50.4621, 58.7341, 76.3873



62.3782, 58.7341, 72.1790



55.0606, 58.7341, 46.2816

Complementary

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



50.4621, 58.7341, 76.3873



50.2358, 46.5036, 39.5875

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.



58.6284, 58.7341, 47.5234



50.4621, 58.7341, 76.3873



62.9541, 58.7341, 61.7774

Square

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



50.4621, 58.7341, 76.3873



60.0133, 58.7341, 81.1807



61.5550, 58.7341, 52.9443



51.8362, 58.7341, 49.3506

Rectangle

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



50.4621, 58.7341, 76.3873



55.3936, 58.7341, 85.7301



61.5550, 58.7341, 52.9443



56.2586, 58.7341, 46.2139

Sweetspot

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



50.4638, 58.7365, 76.3886



86.8642, 94.1845, 108.2089



47.2531, 61.5257, 46.9226



18.2821, 19.9358, 23.1344



0.0000, 0.0000, 0.0000



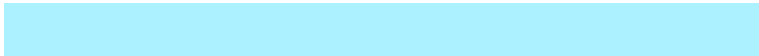
20.3446, 21.4041, 23.3091

Same Dimension

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



50.4638, 58.7365, 76.3886



66.2608, 78.7589, 106.3174



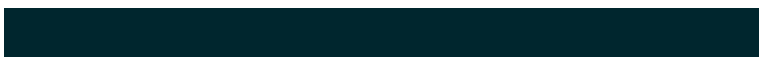
43.9406, 45.6900, 74.2142



13.2506, 14.4409, 16.7411



17.6318, 23.1331, 43.2742



1.1924, 1.5989, 2.8202

Inverse Universe

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



53.7203, 45.0119, 66.8322



71.6485, 56.6788, 90.3660



56.2849, 58.6018, 41.6038



13.5164, 13.2356, 15.9803



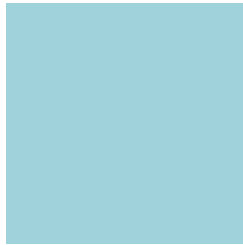
22.3951, 10.9591, 27.5241



1.4761, 0.7201, 1.9163

Previews

White Background



This preview shows how the XYZ color 50.4621, 58.7341, 76.3873 looks on a white background.

Color Contrast Check

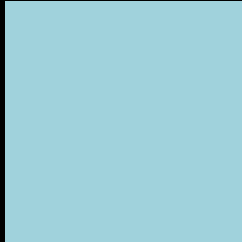
Large Text (above 18pt) WCAG AA × Fail

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 50.4621, 58.7341, 76.3873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

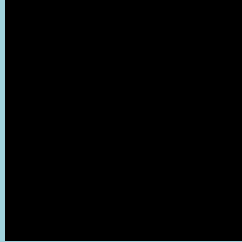
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4621, 58.7341, 76.3873

Background



This preview shows how black text looks on a background with the XYZ color 50.4621, 58.7341, 76.3873.

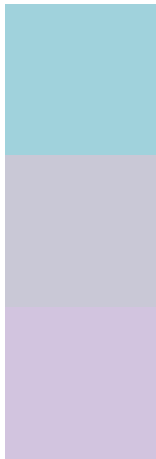


This preview shows how white text looks on a background with the XYZ color 50.4621, 58.7341,

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

50.4621, 58.7341, 76.3873

Protanopia

56.8793, 58.5811, 71.9278

Deuteranopia

59.6376, 58.5092, 77.9622



Tritanopia

51.2259, 58.6690, 80.5759

Trichromacy



Original Color

50.4621, 58.7341, 76.3873

Protanomaly

54.2372, 58.5827, 73.4147

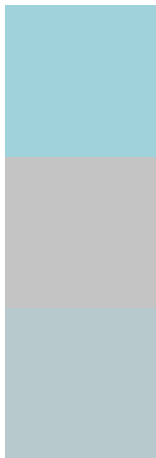
Deuteranomaly

55.8097, 58.2537, 77.4098

Tritanomaly

50.9530, 58.5598, 79.1387

Monochromacy



Original Color

50.4621, 58.7341, 76.3873

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.4345, 56.2483, 65.9037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4621, 58.7341, 76.3873 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(160, 210, 220)` looks like.

```
.text, #text, p{  
    color:rgb(160, 210, 220)  
}
```

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(160, 210, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 210, 220) }
```

Border

The CSS property to change the border of an element to XYZ 50.4621, 58.7341, 76.3873 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(160, 210, 220) }
```


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

```
.border{ border-color:rgb(160, 210, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 210, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 210, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 210, 220);  
box-shadow:4px 4px 4px 4px rgb(160, 210,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4621, 58.7341, 76.3873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 210, 220) }
```

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

```
.background{ background-color: rgb(160,  
210, 220) }
```

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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