

Converting Colors

XYZ(51.6955, 61.6682, 77.0951)

Have a look what the booklet for
XYZ(51.6955, 61.6682, 77.0951)
contains.

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Color

**XYZ(51.5747, 61.5481,
76.8719)**

Conversions

Conversions Part 1

Format	Color
Hex	9ED8DC
RGB	158, 216, 220
RGB Percent	62%, 85%, 86%
CMY	0.3804, 0.1529, 0.1372
CMYK	0.28, 0.02, 0.00, 0.14
HSL	184°, 47%, 74%
HSV	184°, 28%, 86%
XYZ	51.5747, 61.5481, 76.8719
YIQ	199.1140, -35.8520, -11.0520

Conversions

Conversions Part 2

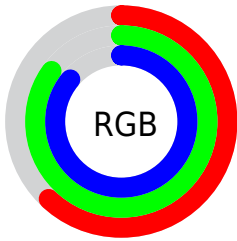
Format	Color
RYB	158, 188, 220
Decimal	10410204
CIELab	82.67, -17.49, -7.96
CIELCh	83, 19.219, 204.475
Yxy	61.5481, 0.2715, 0.3239
Android (android.graphics.Color)	4288600284 (0xFF9ED8DC)
YUV	199.1140, 10.2968, -36.0570
Hunter-Lab	78.4526, -19.9462, -3.1786

Details

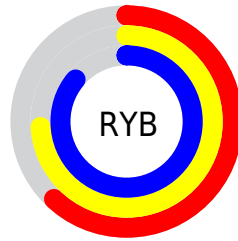
The XYZ color **51.5747, 61.5481, 76.8719** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.6079, 43.5255, 38.1885**, and the grayscale version is **54.3120, 57.1404, 62.2259**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **25.2453, 31.1494, 40.2792** is the 20% darker color. If you saturate the color by 10%, you get **47.2673, 58.7919, 76.5679**, and if you desaturate by 10%, it is **56.6635, 64.7149, 77.2160**.

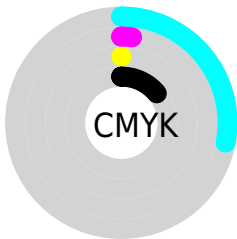
Distribution



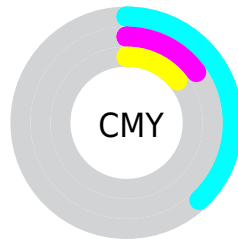
- Red (62%)
- Green (85%)
- Blue (86%)



- Red (62%)
- Yellow (74%)
- Blue (86%)



- Cyan (28%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (38%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5747, 61.5481, 76.8719 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 51.5747, 61.5481, 76.8719 by changing the saturation by 10% instead.


 51.5747, 61.5481,
76.8719


 51.5747, 61.5481,
76.8719


383.1435,
430.2808, 503.7532

 36.8891, 44.6677,
56.6368


 91.6817, 107.0721,
130.7300

 25.2949, 31.1957,
40.3063


 117.8337,
136.4845, 165.1901

 16.4268, 20.7479,
27.4618


148.5386,
170.8430, 205.2289

 9.9194, 12.9399,
17.6849

184.1617,
210.5320, 251.2650

 5.4074, 7.3872,
10.5569

225.0684,
255.9359, 303.7170

 2.5254, 3.7054,
5.6593

271.6241,

 0.9081, 1.5102,

307.4390, 363.0033

2.5736

324.1940,
365.4259, 429.5425

■ 0.0000, 0.2959,
0.8788

■ 0.0000, 0.0000,
0.0000

■ 51.5747, 61.5481,
76.8719

■ 51.5747, 61.5481,
76.8719

■ 47.2673, 58.7919,
76.5679

■ 56.6635, 64.7149,
77.2160

■ 43.6945, 56.4175,
76.2980

■ 62.5666, 68.3046,
77.5977

■ 40.8130, 54.4041,
76.0612

■ 69.3214, 72.3380,
78.0202

■ 38.5725, 52.7258,
75.8553

■ 76.9617, 76.8326,
78.4851

■ 36.9162, 51.3532,
75.6777

■ 80.5720, 79.2544,
78.7623

■ 35.7769, 50.2518,
75.5252

■ 80.9528, 80.0161,
78.8892

■ 35.0577, 49.3716,
75.3932

■ 81.3368, 80.7841,
79.0172

■ 34.9455, 49.2215,
75.3701

■ 81.7240, 81.5585,
79.1463

■ 82.1144, 82.3393,
79.2764

Harmonies

Analogous

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



50.9559, 61.5481, 64.8523



51.5747, 61.5481, 76.8719



54.0116, 61.5481, 87.2510

Triad

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



51.5747, 61.5481, 76.8719



65.1940, 61.5481, 81.0976



59.2665, 61.5481, 46.8559

Complementary

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



51.5747, 61.5481, 76.8719



48.6079, 43.5255, 38.1885

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.



63.2297, 61.5481, 50.1786



51.5747, 61.5481, 76.8719



66.7534, 61.5481, 69.2261

Square

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



51.5747, 61.5481, 76.8719



61.8469, 61.5481, 89.8845



66.0182, 61.5481, 58.0397



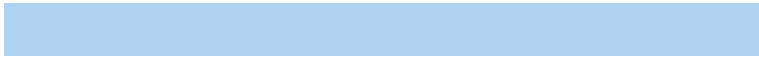
55.2753, 61.5481, 48.3970

Rectangle

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



51.5747, 61.5481, 76.8719



56.4025, 61.5481, 91.3667



66.0182, 61.5481, 58.0397



60.6481, 61.5481, 47.4279

Sweetspot

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



51.5765, 61.5506, 76.8733



87.5208, 95.4978, 108.4278



46.1369, 61.0335, 43.1148



18.4487, 20.2690, 23.1899



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.



51.5765, 61.5506, 76.8733



68.2649, 83.5827, 107.1429



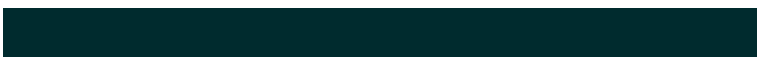
44.5580, 47.5135, 74.5338



13.3692, 14.6782, 16.7807



20.5406, 28.9507, 44.2438



1.3529, 1.9199, 2.8737

Inverse Universe

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



54.1382, 44.6287, 70.7293



72.4610, 56.2413, 96.9945



54.5596, 55.4288, 40.1724



13.5762, 13.2596, 16.2957



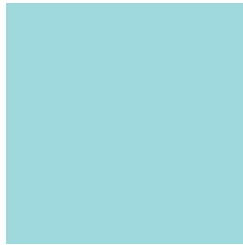
23.8633, 11.5464, 35.2557



1.5572, 0.7525, 2.3429

Previews

White Background



This preview shows how the XYZ color 51.5747, 61.5481, 76.8719 looks on a white background.

Color Contrast Check

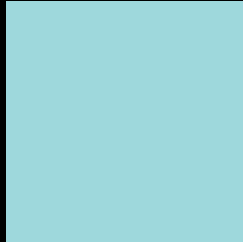
Large Text (above 18pt) WCAG AA × Fail

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 51.5747, 61.5481, 76.8719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

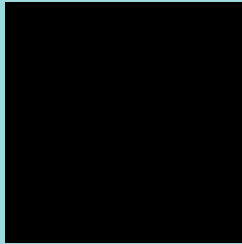
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5747, 61.5481, 76.8719

Background



This preview shows how black text looks on a background with the XYZ color 51.5747, 61.5481, 76.8719.



This preview shows how white text looks on a background with the XYZ color 51.5747, 61.5481,

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

51.5747, 61.5481, 76.8719

Protanopia

59.0567, 61.1116, 71.6339

Deuteranopia

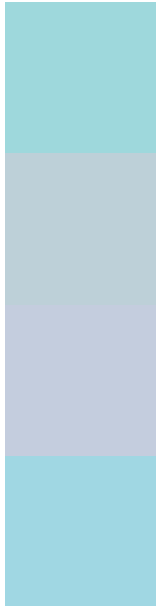
62.3580, 60.9263, 78.2854



Tritanopia

53.1683, 61.4397, 84.6581

Trichromacy



Original Color

51.5747, 61.5481, 76.8719

Protanomaly

55.9368, 60.8884, 73.7702

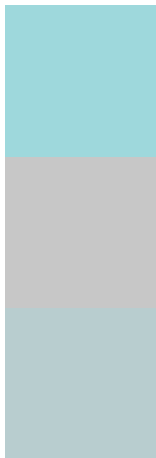
Deuteranomaly

57.7811, 60.6723, 77.7728

Tritanomaly

52.6628, 61.6205, 81.7914

Monochromacy



Original Color

51.5747, 61.5481, 76.8719

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.8610, 58.3580, 67.5096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5747, 61.5481, 76.8719 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(158, 216, 220)` looks like.

```
.text, #text, p{  
    color:rgb(158, 216, 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(158, 216, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 216, 220) }
```

Border

The CSS property to change the border of an element to XYZ 51.5747, 61.5481, 76.8719 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(158, 216, 220) }
```


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

```
.border{ border-color:rgb(158, 216, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 216, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 216, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 216, 220);  
box-shadow:4px 4px 4px 4px rgb(158, 216,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5747, 61.5481, 76.8719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 216, 220) }
```

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

```
.background{ background-color: rgb(158,  
216, 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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