

Converting Colors

XYZ(54.9201, 61.7851, 76.0490)

Have a look what the booklet for XYZ(54.9201, 61.7851, 76.0490) contains.

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Color

**XYZ(54.9201, 61.7851,
76.0490)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D4DB
RGB	179, 212, 219
RGB Percent	70%, 83%, 86%
CMY	0.2980, 0.1686, 0.1412
CMYK	0.18, 0.03, 0.00, 0.14
HSL	190°, 36%, 78%
HSV	190°, 18%, 86%
XYZ	54.9201, 61.7851, 76.0490
YIQ	202.9310, -21.9150, -4.8190

Conversions

Conversions Part 2

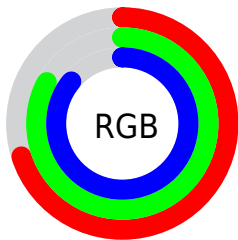
Format	Color
RYB	179, 197, 219
Decimal	11785435
CIELab	82.80, -9.40, -7.11
CIELCh	83, 11.786, 217.079
Yxy	61.7851, 0.2849, 0.3205
Android (android.graphics.Color)	4289975515 (0xFFB3D4DB)
YUV	202.9310, 7.9220, -20.9875
Hunter-Lab	78.6035, -12.8385, -2.3407

Details

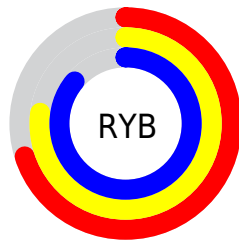
The XYZ color **54.9201, 61.7851, 76.0490** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.9097, 53.4328, 50.0687**, and the grayscale version is **56.6846, 59.6366, 64.9443**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **27.3620, 31.2299, 39.7078** is the 20% darker color. If you saturate the color by 10%, you get **49.3091, 57.4892, 75.5165**, and if you desaturate by 10%, it is **61.3613, 66.5460, 76.6295**.

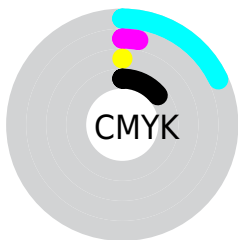
Distribution



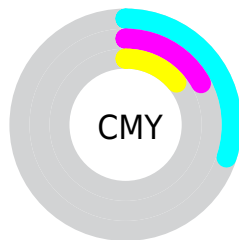
- Red (70%)
- Green (83%)
- Blue (86%)



- Red (70%)
- Yellow (77%)
- Blue (86%)



- Cyan (18%)
- Magenta (3%)
- Yellow (0%)
- Black (14%)



- Cyan (30%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9201, 61.7851, 76.0490 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 54.9201, 61.7851, 76.0490 by changing the saturation by 10% instead.

■ 54.9201, 61.7851,
76.0490

■ 54.9201, 61.7851,
76.0490

395.7503,
431.1468, 500.8667

■ 39.5713, 44.8591,
55.9658

■ 96.5729, 107.4149,
129.5569

■ 27.3872, 31.3464,
39.7717

123.6076,
136.8874, 163.8187

■ 18.0023, 20.8628,
27.0481

155.2684,
171.3109, 203.6437

■ 11.0514, 13.0237,
17.3766

191.9206,
211.0698, 249.4505

■ 6.1689, 7.4449,
10.3386

233.9295,
256.5484, 301.6577

■ 2.9897, 3.7419,
5.5155

281.6605,

■ 1.1483, 1.5302,

308.1312, 360.6838

2.4888

335.4790,
366.2025, 426.9473

■ 0.0650, 0.3099,
0.8342

■ 0.0000, 0.0000,
0.0000

■ 54.9201, 61.7851,
76.0490

■ 54.9201, 61.7851,
76.0490

■ 49.3091, 57.4892,
75.5165

■ 61.3613, 66.5460,
76.6295

■ 44.4849, 53.6307,
75.0260

■ 68.6628, 71.7827,
77.2554

■ 40.4082, 50.1909,
74.5770

■ 76.8599, 77.5153,
77.9299

■ 37.0341, 47.1464,
74.1671

■ 81.5855, 81.4927,
78.4485

■ 34.3129, 44.4712,
73.7942

■ 82.6471, 83.6159,
78.8024

■ 32.1879, 42.1360,
73.4555

■ 83.7321, 85.7861,
79.1641

■ 30.5928, 40.1062,
73.1477

■ 84.8408, 88.0035,
79.5337

■ 29.4301, 38.3314,
72.8665

■ 85.9733, 90.2684,
79.9111

■ 29.2473, 38.0364,
72.8191

■ 87.1297, 92.5812,
80.2966

Harmonies

Analogous

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



54.0178, 61.7851, 69.0092



54.9201, 61.7851, 76.0490



56.8463, 61.7851, 80.9724

Triad

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



54.9201, 61.7851, 76.0490



63.3313, 61.7851, 72.8599



58.1260, 61.7851, 54.3453

Complementary

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



54.9201, 61.7851, 76.0490



54.9097, 53.4328, 50.0687

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.



60.6444, 61.7851, 55.2139



54.9201, 61.7851, 76.0490



63.6978, 61.7851, 65.5671

Square

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



54.9201, 61.7851, 76.0490



61.7140, 61.7851, 79.0406



62.7015, 61.7851, 59.2004



55.8339, 61.7851, 56.7363

Rectangle

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



54.9201, 61.7851, 76.0490



58.4768, 61.7851, 82.2056



62.7015, 61.7851, 59.2004



58.9737, 61.7851, 54.2687

Sweetspot

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



54.9219, 61.7876, 76.0504



89.8064, 96.2467, 108.4519



52.7507, 63.7789, 55.8004



19.0699, 20.4908, 23.2000



0.0000, 0.0000, 0.0000



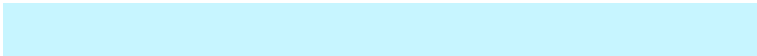
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9219, 61.7876, 76.0504



74.2854, 84.7659, 107.0539



50.3008, 52.5453, 74.5100



13.2410, 14.4218, 16.7379



17.4140, 22.6974, 43.2016



1.1801, 1.5744, 2.8161

Inverse Universe

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



57.2187, 52.0552, 69.3221



78.1503, 68.6648, 95.6699



59.3424, 62.2983, 51.5462



13.5115, 13.2337, 15.9549



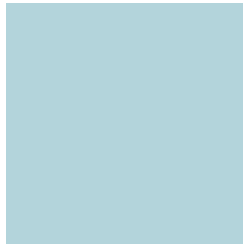
22.2851, 10.9151, 26.9451



1.4700, 0.7176, 1.8838

Previews

White Background



This preview shows how the XYZ color 54.9201, 61.7851, 76.0490 looks on a white background.

Color Contrast Check

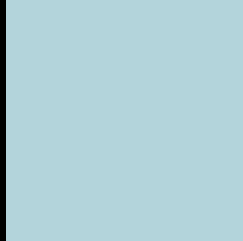
Large Text (above 18pt) WCAG AA × Fail

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 54.9201, 61.7851, 76.0490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

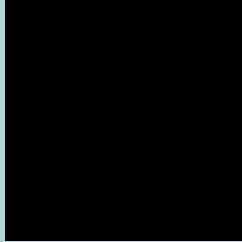
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9201, 61.7851, 76.0490

Background



This preview shows how black text looks on a background with the XYZ color 54.9201, 61.7851, 76.0490.

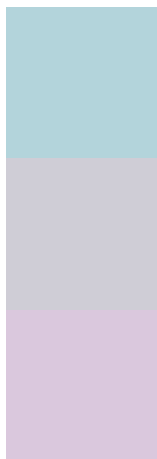


This preview shows how white text looks on a background with the XYZ color 54.9201, 61.7851,

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

54.9201, 61.7851, 76.0490

Protanopia

59.7010, 61.7831, 72.3971

Deuteranopia

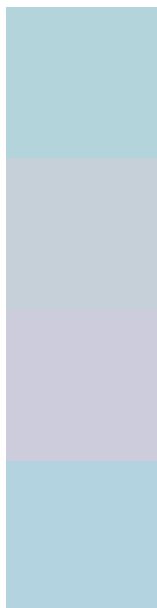
62.6189, 61.4344, 76.9643



Tritanopia

56.2154, 61.9583, 81.6693

Trichromacy



Original Color

54.9201, 61.7851, 76.0490

Protanomaly

57.9765, 61.9399, 73.8657

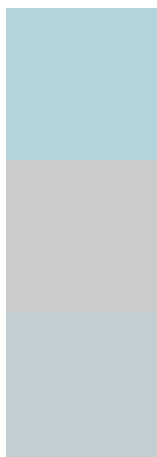
Deuteranomaly

59.4130, 61.1904, 76.3897

Tritanomaly

55.5712, 61.6736, 79.4963

Monochromacy



Original Color

54.9201, 61.7851, 76.0490

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.8281, 60.2154, 69.0019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9201, 61.7851, 76.0490 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(179, 212, 219) looks like.

```
.text, #text, p{  
    color:rgb(179, 212, 219)  
}
```

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(179, 212, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 212, 219) }
```

Border

The CSS property to change the border of an element to XYZ 54.9201, 61.7851, 76.0490 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(179, 212, 219) }
```


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

```
.border{ border-color:rgb(179, 212, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 212, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 212, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 212, 219);  
box-shadow:4px 4px 4px 4px rgb(179, 212,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9201, 61.7851, 76.0490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 212, 219) }
```

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

```
.background{ background-color: rgb(179,  
212, 219) }
```

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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