

Converting Colors

XYZ(54.9414, 61.1212, 78.5716)

Have a look what the booklet for
XYZ(54.9414, 61.1212, 78.5716)
contains.

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Color

**XYZ(54.9563, 61.0046,
78.6906)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D2DF
RGB	179, 210, 223
RGB Percent	70%, 82%, 87%
CMY	0.2980, 0.1765, 0.1255
CMYK	0.20, 0.06, 0.00, 0.13
HSL	198°, 41%, 79%
HSV	198°, 20%, 87%
XYZ	54.9563, 61.0046, 78.6906
YIQ	202.2130, -22.6490, -2.5290

Conversions

Conversions Part 2

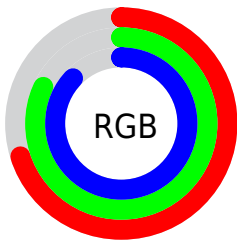
Format	Color
RYB	179, 197, 223
Decimal	11784927
CIELab	82.38, -7.51, -9.86
CIELCh	82, 12.393, 232.695
Yxy	61.0046, 0.2823, 0.3134
Android (android.graphics.Color)	4289975007 (0xFFB3D2DF)
YUV	202.2130, 10.2480, -20.3578
Hunter-Lab	78.1054, -11.0889, -5.0604

Details

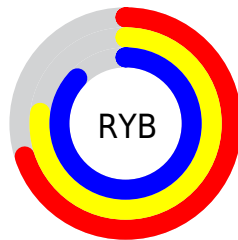
The XYZ color **54.9563, 61.0046, 78.6906** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.4183, 56.6421, 50.5559**, and the grayscale version is **56.2216, 59.1495, 64.4138**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **27.5605, 31.0397, 41.5845** is the 20% darker color. If you saturate the color by 10%, you get **48.6206, 55.3750, 77.9389**, and if you desaturate by 10%, it is **62.1960, 67.2027, 79.5064**.

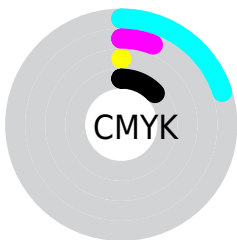
Distribution



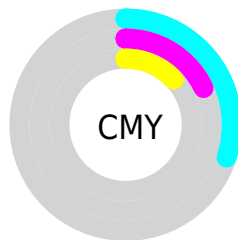
- Red (70%)
- Green (82%)
- Blue (87%)



- Red (70%)
- Yellow (77%)
- Blue (87%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (30%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9563, 61.0046, 78.6906 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 54.9563, 61.0046, 78.6906 by changing the saturation by 10% instead.

■ 54.9563, 61.0046,
78.6906

■ 54.9563, 61.0046,
78.6906

395.8854,
428.2909, 510.0990

■ 39.6004, 44.2289,
58.1216

■ 96.6256, 106.2856,
133.3179

■ 27.4100, 30.8505,
41.4911

123.6698,
135.5597, 168.2133

■ 18.0195, 20.4850,
28.3804

155.3408,
169.7686, 208.7214

■ 11.0638, 12.7481,
18.3711

192.0039,
209.2969, 255.2605

■ 6.1774, 7.2553,
11.0446

234.0246,
254.5289, 308.2493

■ 2.9949, 3.6223,
5.9823

281.7682,

■ 1.1511, 1.4646,

305.8489, 368.1062

2.7657

335.6000,
363.6415, 435.2500

■ 0.0672, 0.2636,
0.9763

■ 0.0000, 0.0000,
0.0000

■ 54.9563, 61.0046,
78.6906

■ 54.9563, 61.0046,
78.6906

■ 48.6206, 55.3750,
77.9389

■ 62.1960, 67.2027,
79.5064

■ 43.1428, 50.2844,
77.2450

■ 70.3725, 73.9828,
80.3841

■ 38.4805, 45.7111,
76.6080

■ 79.5233, 81.3668,
81.3271

■ 34.5855, 41.6292,
76.0254

■ 84.6569, 86.7826,
82.1019

■ 31.4042, 38.0098,
75.4945

■ 86.5925, 90.6538,
82.7470

■ 28.8754, 34.8200,
75.0121

■ 88.5988, 94.6664,
83.4158

■ 26.9268, 32.0213,
74.5746

■ 90.3195, 98.1078,
83.9894

■ 25.4357, 29.5490,
74.1760

■ 25.3980, 29.4849,
74.1656

Harmonies

Analogous

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



53.4183, 61.0046, 72.2010



54.9563, 61.0046, 78.6906



57.3391, 61.0046, 81.9367

Triad

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



54.9563, 61.0046, 78.6906



63.1731, 61.0046, 68.2920



56.0436, 61.0046, 53.8767

Complementary

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



54.9563, 61.0046, 78.6906



57.4183, 56.6421, 50.5559

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.



58.6318, 61.0046, 53.0037



54.9563, 61.0046, 78.6906



62.8007, 61.0046, 60.9630

Square

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



54.9563, 61.0046, 78.6906



62.1215, 61.0046, 75.6438



61.1189, 61.0046, 55.5028



54.0326, 61.0046, 57.9849

Rectangle

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



54.9563, 61.0046, 78.6906



59.1075, 61.0046, 81.6635



61.1189, 61.0046, 55.5028



56.8730, 61.0046, 53.2085

Sweetspot

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



54.9581, 61.0071, 78.6920



88.2185, 94.3630, 108.1720



54.4347, 66.1424, 59.4589



18.7293, 20.0700, 23.1367



0.0000, 0.0000, 0.0000



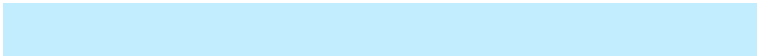
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9581, 61.0071, 78.6920



70.5084, 79.1860, 106.1760



50.0083, 51.1075, 77.0420



13.7568, 14.8528, 17.5295



15.0360, 17.5416, 43.6418



1.1188, 1.3691, 3.0505

Inverse Universe

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



58.1859, 52.5828, 68.0583



75.7619, 65.8645, 88.7809



62.4810, 66.7674, 52.2434



14.1135, 13.8630, 16.3677



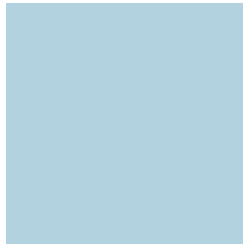
21.5297, 10.6789, 19.9870



1.5310, 0.7557, 1.5890

Previews

White Background



This preview shows how the XYZ color 54.9563, 61.0046, 78.6906 looks on a white background.

Color Contrast Check

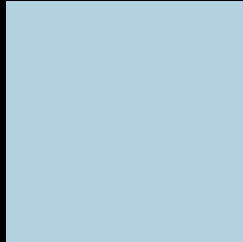
Large Text (above 18pt) WCAG AA × Fail

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 54.9563, 61.0046, 78.6906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

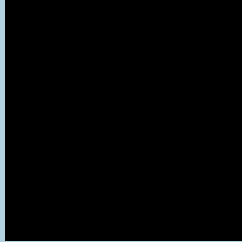
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

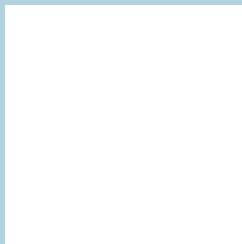
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9563, 61.0046, 78.6906

Background



This preview shows how black text looks on a background with the XYZ color 54.9563, 61.0046, 78.6906.

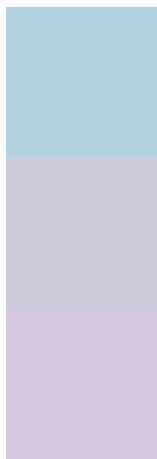


This preview shows how white text looks on a background with the XYZ color 54.9563, 61.0046,

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

54.9563, 61.0046, 78.6906

Protanopia

59.0440, 60.6637, 75.6151

Deuteranopia

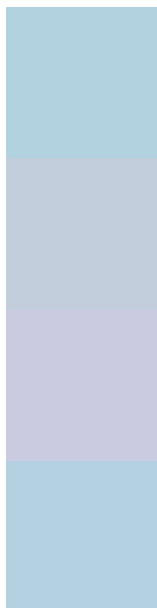
62.0384, 60.7302, 79.6865



Tritanopia

55.3503, 60.7952, 80.7689

Trichromacy



Original Color

54.9563, 61.0046, 78.6906

Protanomaly

57.4953, 60.9120, 76.4370

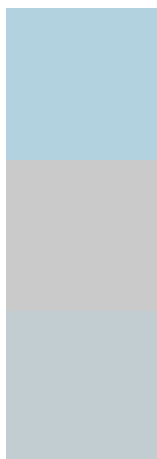
Deuteranomaly

59.1676, 60.6502, 79.1092

Tritanomaly

55.2135, 60.7405, 80.0482

Monochromacy



Original Color

54.9563, 61.0046, 78.6906

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.7123, 59.7851, 69.5761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9563, 61.0046, 78.6906 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, 210, 223)` looks like.

```
.text, #text, p{  
    color:rgb(179, 210, 223)  
}
```

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, 210, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 210, 223) }
```

Border

The CSS property to change the border of an element to XYZ 54.9563, 61.0046, 78.6906 is called "border". The border property can be set on classes, ids or directly on the HTML element.

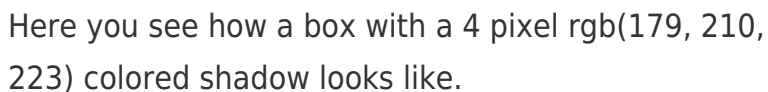
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 210, 223) }
```


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

```
.border{ border-color:rgb(179, 210, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 210, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 210, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 210, 223); box-shadow:4px 4px 4px 4px rgb(179, 210, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9563, 61.0046, 78.6906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 210, 223) }
```

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

```
.background{ background-color: rgb(179,  
210, 223) }
```

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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