

Converting Colors

XYZ(54.4206, 62.1629, 80.9899)

Have a look what the booklet for
XYZ(54.4206, 62.1629, 80.9899)
contains.

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Color

**XYZ(54.3516, 62.1302,
81.0792)**

Conversions

Conversions Part 1

Format	Color
Hex	AAD6E2
RGB	170, 214, 226
RGB Percent	67%, 84%, 89%
CMY	0.3333, 0.1608, 0.1137
CMYK	0.25, 0.05, 0.00, 0.11
HSL	193°, 49%, 78%
HSV	193°, 25%, 89%
XYZ	54.3516, 62.1302, 81.0792
YIQ	202.2120, -30.0760, -5.5960

Conversions

Conversions Part 2

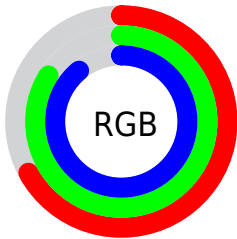
Format	Color
RYB	170, 195, 226
Decimal	11196130
CIELab	82.98, -11.64, -10.62
CIElCh	83, 15.753, 222.382
Yxy	62.1302, 0.2751, 0.3145
Android (android.graphics.Color)	4289386210 (0xFFAAD6E2)
YUV	202.2120, 11.7275, -28.2499
Hunter-Lab	78.8227, -14.8564, -5.8114

Details

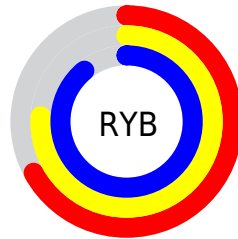
The XYZ color **54.3516, 62.1302, 81.0792** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.3483, 52.5272, 45.2531**, and the grayscale version is **56.2154, 59.1429, 64.4067**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **26.9513, 31.4496, 43.1780** is the 20% darker color. If you saturate the color by 10%, you get **48.6729, 57.4121, 80.4688**, and if you desaturate by 10%, it is **60.9102, 67.3592, 81.7438**.

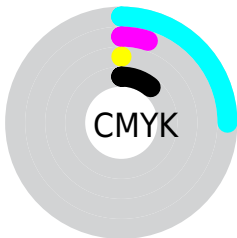
Distribution



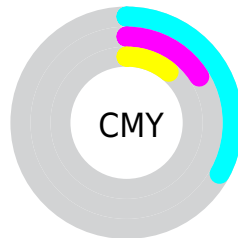
- Red (67%)
- Green (84%)
- Blue (89%)



- Red (67%)
- Yellow (76%)
- Blue (89%)



- Cyan (25%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (33%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3516, 62.1302, 81.0792 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 54.3516, 62.1302, 81.0792 by changing the saturation by 10% instead.

■ 54.3516, 62.1302,
81.0792

■ 54.3516, 62.1302,
81.0792

393.6259,
432.4059, 518.3648

■ 39.1146, 45.1379,
60.0754

■ 95.7442, 107.9137,
136.7070

■ 27.0300, 31.5661,
43.0538

122.6305,
137.4737, 172.1682

■ 17.7325, 21.0303,
29.5956

154.1306,
171.9917, 213.2856

■ 10.8566, 13.1461,
19.2824

190.6099,
211.8521, 260.4778

■ 6.0371, 7.5293,
11.6956

232.4337,
257.4393, 314.1632

■ 2.9085, 3.7952,
6.4168

279.9674,

■ 1.1056, 1.5597,

309.1378, 374.7605

3.0273

333.5763,
367.3318, 442.6882

■ 0.0298, 0.3302,
1.1086

■ 0.0000, 0.0000,
0.0000

■ 54.3516, 62.1302,
81.0792

■ 54.3516, 62.1302,
81.0792

■ 48.6729, 57.4121,
80.4688

■ 60.9102, 67.3592,
81.7438

■ 43.8254, 53.1745,
79.9064

■ 68.3835, 73.1126,
82.4605

■ 39.7639, 49.3952,
79.3910

■ 76.8109, 79.4129,
83.2324

■ 36.4363, 46.0470,
78.9201

■ 84.2119, 85.2395,
83.9670

■ 33.7842, 43.0992,
78.4909

■ 85.6044, 88.0245,
84.4311

■ 31.7399, 40.5164,
78.1001

■ 87.0348, 90.8854,
84.9079

■ 30.2203, 38.2553,
77.7438

■ 88.5035, 93.8226,
85.3975

■ 29.5652, 37.1662,
77.5681

■ 90.0106, 96.8369,
85.8999

■ 90.7277, 98.2711,
86.1389

Harmonies

Analogous

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



52.8914, 62.1302, 71.7463



54.3516, 62.1302, 81.0792



57.0951, 62.1302, 87.1214

Triad

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



54.3516, 62.1302, 81.0792



65.5094, 62.1302, 73.4793



57.6613, 62.1302, 50.9513

Complementary

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



54.3516, 62.1302, 81.0792



55.3483, 52.5272, 45.2531

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.



61.0550, 62.1302, 51.3189



54.3516, 62.1302, 81.0792



65.6753, 62.1302, 63.7112

Square

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



54.3516, 62.1302, 81.0792



63.5729, 62.1302, 82.4524



64.0178, 62.1302, 55.7907



54.7524, 62.1302, 54.7332

Rectangle

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



54.3516, 62.1302, 81.0792



59.3252, 62.1302, 88.1463



64.0178, 62.1302, 55.7907



58.7815, 62.1302, 50.6048

Sweetspot

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



54.3535, 62.1327, 81.0806



87.5773, 94.3546, 108.2042



52.1362, 66.2843, 53.8713



18.6135, 20.0952, 23.1477



0.0000, 0.0000, 0.0000



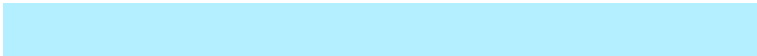
20.3446, 21.4041, 23.3091

Same Dimension

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



54.3535, 62.1327, 81.0806



67.2777, 78.2495, 106.1655



48.0342, 49.4942, 78.9742



13.8543, 15.0478, 17.5620



16.9566, 21.3827, 44.2819



1.2382, 1.6078, 3.0903

Inverse Universe

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



57.8778, 49.7747, 70.1782



72.7826, 59.5091, 89.0105



61.4704, 64.7714, 47.2938



14.1627, 13.8827, 16.6269



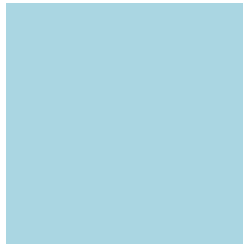
22.4991, 11.0666, 25.0918



1.5912, 0.7798, 1.9063

Previews

White Background



This preview shows how the XYZ color 54.3516, 62.1302, 81.0792 looks on a white background.

Color Contrast Check

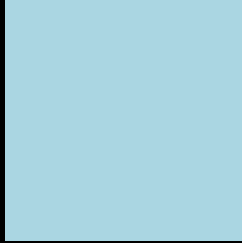
Large Text (above 18pt) WCAG AA × Fail

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 54.3516, 62.1302, 81.0792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

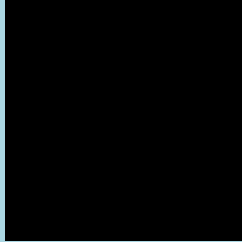
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3516, 62.1302, 81.0792

Background



This preview shows how black text looks on a background with the XYZ color 54.3516, 62.1302, 81.0792.

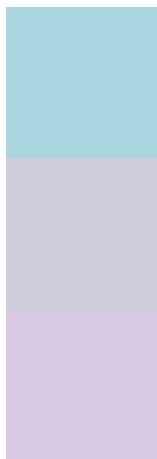


This preview shows how white text looks on a background with the XYZ color 54.3516, 62.1302,

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

54.3516, 62.1302, 81.0792

Protanopia

60.2032, 61.9518, 76.4950

Deuteranopia

63.3484, 62.0294, 82.7628



Tritanopia

54.8718, 61.9596, 83.9303

Trichromacy



Original Color

54.3516, 62.1302, 81.0792

Protanomaly

57.7330, 61.7231, 77.9781

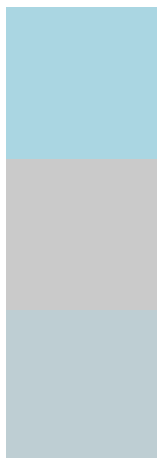
Deuteranomaly

59.6281, 61.8862, 82.2013

Tritanomaly

54.7317, 61.9036, 83.1927

Monochromacy



Original Color

54.3516, 62.1302, 81.0792

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.0644, 59.7929, 70.2670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3516, 62.1302, 81.0792 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(170, 214, 226)` looks like.

```
.text, #text, p{  
    color:rgb(170, 214, 226)  
}
```

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(170, 214, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 214, 226) }
```

Border

The CSS property to change the border of an element to XYZ 54.3516, 62.1302, 81.0792 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(170, 214, 226) }
```


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

```
.border{ border-color:rgb(170, 214, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 214, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 214, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 214, 226);  
box-shadow:4px 4px 4px 4px rgb(170, 214,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3516, 62.1302, 81.0792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 214, 226) }
```

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

```
.background{ background-color: rgb(170,  
214, 226) }
```

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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