

Converting Colors

XYZ(54.9393, 62.5077, 79.0387)

Have a look what the booklet for
XYZ(54.9393, 62.5077, 79.0387)
contains.

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Color

**XYZ(54.8214, 62.4195,
78.9708)**

Conversions

Conversions Part 1

Format	Color
Hex	AED6DF
RGB	174, 214, 223
RGB Percent	68%, 84%, 87%
CMY	0.3176, 0.1608, 0.1255
CMYK	0.22, 0.04, 0.00, 0.13
HSL	191°, 43%, 78%
HSV	191°, 22%, 87%
XYZ	54.8214, 62.4195, 78.9708
YIQ	203.0660, -26.7290, -5.6810

Conversions

Conversions Part 2

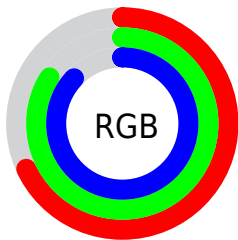
Format	Color
RYB	174, 196, 223
Decimal	11458271
CIELab	83.14, -11.11, -8.77
CIELCh	83, 14.150, 218.296
Yxy	62.4195, 0.2794, 0.3181
Android (android.graphics.Color)	4289648351 (0xFFAED6DF)
YUV	203.0660, 9.8275, -25.4909
Hunter-Lab	79.0060, -14.4013, -3.9594

Details

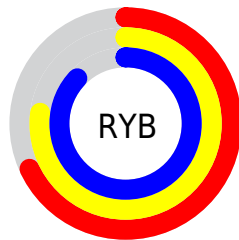
The XYZ color **54.8214, 62.4195, 78.9708** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.0055, 52.6111, 47.3016**, and the grayscale version is **56.7599, 59.7158, 65.0305**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **27.3512, 31.6884, 41.7207** is the 20% darker color. If you saturate the color by 10%, you get **49.2370, 58.0230, 78.4175**, and if you desaturate by 10%, it is **61.2603, 67.2984, 79.5742**.

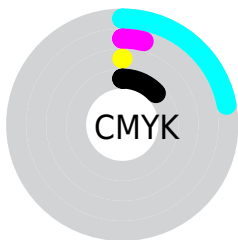
Distribution



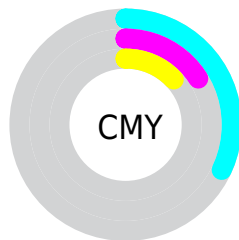
- Red (68%)
- Green (84%)
- Blue (87%)



- Red (68%)
- Yellow (77%)
- Blue (87%)



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (32%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8214, 62.4195, 78.9708 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 54.8214, 62.4195, 78.9708 by changing the saturation by 10% instead.

■ 54.8214, 62.4195,
78.9708

■ 54.8214, 62.4195,
78.9708

395.3820,
433.4596, 511.0726

■ 39.4920, 45.3718,
58.3506

■ 96.4291, 108.3316,
133.7160

■ 27.3251, 31.7503,
41.6740

123.4381,
137.9647, 168.6782

■ 17.9554, 21.1709,
28.5225

155.0710,
172.5618, 209.2581

■ 11.0175, 13.2490,
18.4774

191.6932,
212.5072, 255.8743

■ 6.1460, 7.6002,
11.1203

233.6701,
258.1852, 308.9453

■ 2.9755, 3.8402,
6.0326

281.3669,

■ 1.1408, 1.5846,

309.9804, 368.8896

2.7958

335.1491,
368.2771, 436.1259

■ 0.0589, 0.3472,
0.9913

■ 0.0000, 0.0000,
0.0000

■ 54.8214, 62.4195,
78.9708

■ 54.8214, 62.4195,
78.9708

■ 49.2370, 58.0230,
78.4175

■ 61.2603, 67.2984,
79.5742

■ 44.4607, 54.0800,
77.9082

■ 68.5863, 72.6719,
80.2252

■ 40.4501, 50.5697,
77.4420

■ 76.8369, 78.5612,
80.9271

■ 37.1564, 47.4669,
77.0167

■ 82.9631, 83.3950,
81.5373

■ 34.5252, 44.7431,
76.6297

■ 84.1186, 85.7060,
81.9224

■ 32.4939, 42.3659,
76.2779

■ 85.3010, 88.0709,
82.3166

■ 30.9875, 40.2962,
75.9578

■ 86.5106, 90.4901,
82.7198

■ 30.0585, 38.8058,
75.7191

■ 87.7476, 92.9640,
83.1321

■ 89.0120, 95.4928,
83.5536

Harmonies

Analogous

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



53.6847, 62.4195, 70.4289



54.8214, 62.4195, 78.9708



57.1748, 62.4195, 84.8844

Triad

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



54.8214, 62.4195, 78.9708



64.9741, 62.4195, 74.3996



58.4815, 62.4195, 52.5922

Complementary

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



54.8214, 62.4195, 78.9708



55.0055, 52.6111, 47.3016

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.



61.5343, 62.4195, 53.4566



54.8214, 62.4195, 78.9708



65.3533, 62.4195, 65.5577

Square

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



54.8214, 62.4195, 78.9708



63.0559, 62.4195, 82.0911



64.0748, 62.4195, 58.0310



55.7497, 62.4195, 55.5588

Rectangle

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



54.8214, 62.4195, 78.9708



59.1528, 62.4195, 86.2711



64.0748, 62.4195, 58.0310



59.5033, 62.4195, 52.4497

Sweetspot

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



54.8232, 62.4220, 78.9722



87.7484, 94.6969, 108.2612



52.3899, 65.1934, 54.6143



18.6532, 20.1746, 23.1609



0.0000, 0.0000, 0.0000



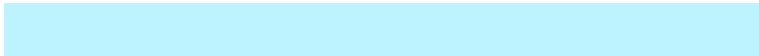
20.3446, 21.4041, 23.3091

Same Dimension

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



54.8232, 62.4220, 78.9722



70.9605, 81.9976, 106.6948



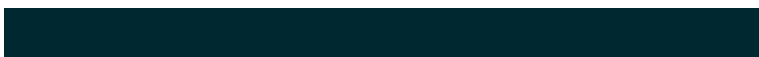
49.0850, 50.9456, 77.0595



13.8914, 15.1219, 17.5743



17.7507, 22.9709, 44.5466



1.2867, 1.7048, 3.1065

Inverse Universe

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



57.7065, 50.8165, 70.3883



75.5245, 63.9868, 93.0264



60.5026, 63.6054, 49.1339



14.1814, 13.8902, 16.7254



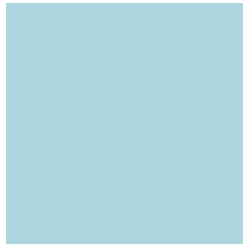
22.8999, 11.2270, 27.2024



1.6157, 0.7896, 2.0351

Previews

White Background



This preview shows how the XYZ color 54.8214, 62.4195, 78.9708 looks on a white background.

Color Contrast Check

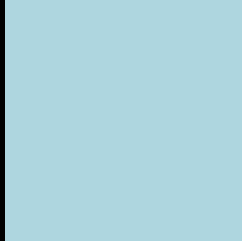
Large Text (above 18pt) WCAG AA × Fail

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 54.8214, 62.4195, 78.9708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

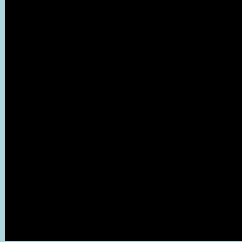
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8214, 62.4195, 78.9708

Background



This preview shows how black text looks on a background with the XYZ color 54.8214, 62.4195, 78.9708.

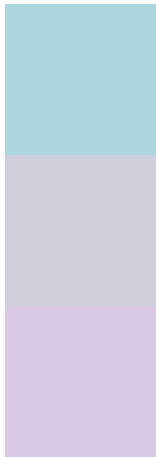


This preview shows how white text looks on a background with the XYZ color 54.8214, 62.4195,

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

54.8214, 62.4195, 78.9708

Protanopia

60.2183, 61.9900, 75.1211

Deuteranopia

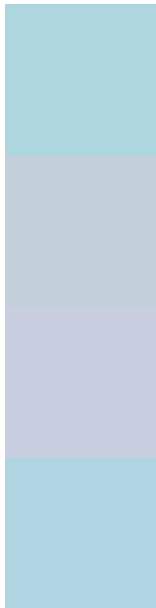
63.5276, 62.1697, 80.6032



Tritanopia

55.7564, 62.4156, 83.9717

Trichromacy



Original Color

54.8214, 62.4195, 78.9708

Protanomaly

57.9798, 61.8812, 76.5985

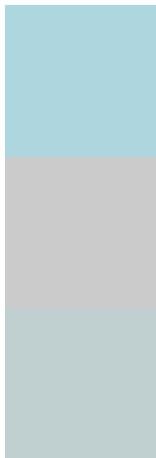
Deuteranomaly

60.0190, 62.1354, 80.0642

Tritanomaly

55.3386, 62.2485, 81.7716

Monochromacy



Original Color

54.8214, 62.4195, 78.9708

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.6839, 60.4853, 69.7127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8214, 62.4195, 78.9708 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(174, 214, 223)` looks like.

```
.text, #text, p{  
    color:rgb(174, 214, 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(174, 214, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 214, 223) }
```

Border

The CSS property to change the border of an element to XYZ 54.8214, 62.4195, 78.9708 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(174, 214, 223) }
```


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

```
.border{ border-color:rgb(174, 214, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 214, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 214, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 214, 223);  
box-shadow:4px 4px 4px 4px rgb(174, 214,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8214, 62.4195, 78.9708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 214, 223) }
```

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

```
.background{ background-color: rgb(174,  
214, 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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