

Converting Colors

XYZ(54.8232, 62.1629, 79.6730)

Have a look what the booklet for
XYZ(54.8232, 62.1629, 79.6730)
contains.

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Color

**XYZ(54.7044, 61.9690,
79.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	AED5E0
RGB	174, 213, 224
RGB Percent	68%, 84%, 88%
CMY	0.3176, 0.1647, 0.1216
CMYK	0.22, 0.05, 0.00, 0.12
HSL	193°, 45%, 78%
HSV	193°, 22%, 88%
XYZ	54.7044, 61.9690, 79.5990
YIQ	202.5930, -26.7750, -4.8470

Conversions

Conversions Part 2

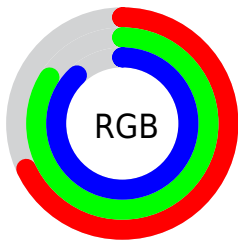
Format	Color
RYB	174, 196, 224
Decimal	11458016
CIELab	82.90, -10.37, -9.66
CIELCh	83, 14.171, 222.957
Yxy	61.9690, 0.2787, 0.3157
Android (android.graphics.Color)	4289648096 (0xFFAED5E0)
YUV	202.5930, 10.5537, -25.0761
Hunter-Lab	78.7204, -13.7174, -4.8475

Details

The XYZ color **54.7044, 61.9690, 79.5990** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.7301, 53.6015, 47.4547**, and the grayscale version is **56.4591, 59.3994, 64.6859**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **27.2734, 31.3832, 42.1562** is the 20% darker color. If you saturate the color by 10%, you get **48.9041, 57.1685, 78.9791**, and if you desaturate by 10%, it is **61.3782, 67.2789, 80.2732**.

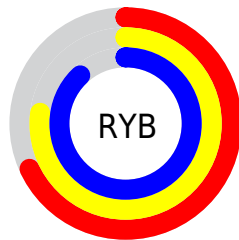
Distribution



Red (68%)

Green (84%)

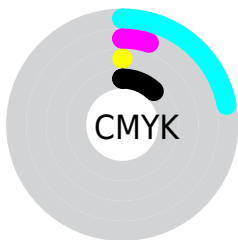
Blue (88%)



Red (68%)

Yellow (77%)

Blue (88%)

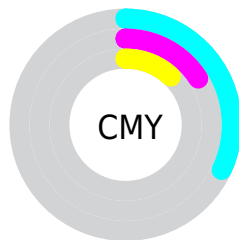


Cyan (22%)

Magenta (5%)

Yellow (0%)

Black (12%)



Cyan (32%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7044, 61.9690, 79.5990 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 54.7044, 61.9690, 79.5990 by changing the saturation by 10% instead.

■ 54.7044, 61.9690,
79.5990

■ 54.7044, 61.9690,
79.5990

394.9451,
431.8180, 513.2515

■ 39.3980, 45.0077,
58.8642

■ 96.2586, 107.6807,
134.6081

■ 27.2516, 31.4635,
42.0845

123.2371,
137.1999, 169.7195

■ 17.8998, 20.9520,
28.8414

154.8370,
171.6738, 210.4601

■ 10.9774, 13.0889,
18.7163

191.4236,
211.4868, 257.2486

■ 6.1188, 7.4898,
11.2908

233.3624,
257.0233, 310.5035

■ 2.9588, 3.7703,
6.1461

281.0187,

■ 1.1320, 1.5459,

308.6678, 370.6432

2.8639

334.7578,
366.8045, 438.0863

■ 0.0516, 0.3207,
1.0256

■ 0.0000, 0.0000,
0.0000

■ 54.7044, 61.9690,
79.5990

■ 54.7044, 61.9690,
79.5990

■ 48.9041, 57.1685,
78.9791

■ 61.3782, 67.2789,
80.2732

■ 43.9303, 52.8479,
78.4073

■ 68.9587, 73.1110,
80.9993

■ 39.7396, 48.9859,
77.8828

■ 77.4841, 79.4870,
81.7807

■ 36.2826, 45.5565,
77.4030

■ 83.7522, 84.7567,
82.4675

■ 33.5038, 42.5307,
76.9654

■ 85.1642, 87.5808,
82.9382

■ 31.3394, 39.8750,
76.5669

■ 86.6155, 90.4834,
83.4220

■ 29.7128, 37.5494,
76.2038

■ 88.1063, 93.4651,
83.9189

■ 28.7327, 35.9378,
75.9443

■ 89.6370, 96.5265,
84.4291

■ 90.4547, 98.1619,
84.7017

Harmonies

Analogous

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



53.3587, 61.9690, 71.3163



54.7044, 61.9690, 79.5990



57.1947, 61.9690, 84.8695

Triad

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



54.7044, 61.9690, 79.5990



64.6961, 61.9690, 72.5255



57.5924, 61.9690, 52.3712

Complementary

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



54.7044, 61.9690, 79.5990



55.7301, 53.6015, 47.4547

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.



60.6382, 61.9690, 52.6339



54.7044, 61.9690, 79.5990



64.8116, 61.9690, 63.7716

Square

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



54.7044, 61.9690, 79.5990



62.9939, 61.9690, 80.5498



63.3041, 61.9690, 56.6469



54.9868, 61.9690, 55.8953

Rectangle

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



54.7044, 61.9690, 79.5990



59.2032, 61.9690, 85.7071



63.3041, 61.9690, 56.6469



58.5972, 61.9690, 52.0291

Sweetspot

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



54.7062, 61.9715, 79.6004



87.5454, 94.2909, 108.1936



52.8518, 65.8069, 55.7245



18.6061, 20.0804, 23.1452



0.0000, 0.0000, 0.0000



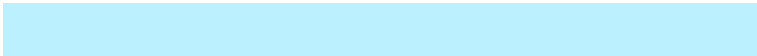
20.3446, 21.4041, 23.3091

Same Dimension

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



54.7062, 61.9715, 79.6004



69.4540, 79.9136, 106.3720



48.9303, 50.4196, 77.6751



13.8474, 15.0340, 17.5597



16.8127, 21.0950, 44.2340



1.2294, 1.5902, 3.0874

Inverse Universe

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



57.8883, 50.9250, 69.7321



74.5374, 62.7238, 90.5047



61.3871, 64.9155, 49.3403



14.1592, 13.8813, 16.6086



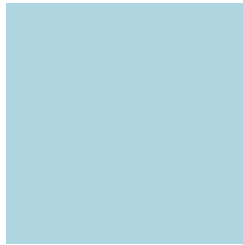
22.4265, 11.0376, 24.7094



1.5868, 0.7780, 1.8828

Previews

White Background



This preview shows how the XYZ color 54.7044, 61.9690, 79.5990 looks on a white background.

Color Contrast Check

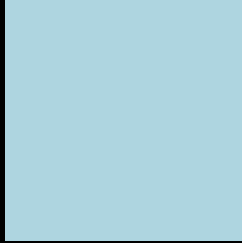
Large Text (above 18pt) WCAG AA × Fail

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 54.7044, 61.9690, 79.5990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

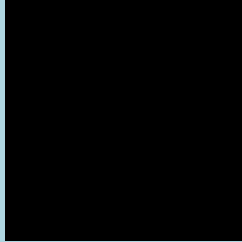
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7044, 61.9690, 79.5990

Background



This preview shows how black text looks on a background with the XYZ color 54.7044, 61.9690, 79.5990.

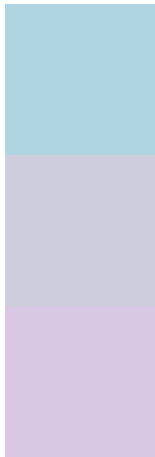


This preview shows how white text looks on a background with the XYZ color 54.7044, 61.9690,

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

54.7044, 61.9690, 79.5990

Protanopia

60.0711, 61.8989, 75.7994

Deuteranopia

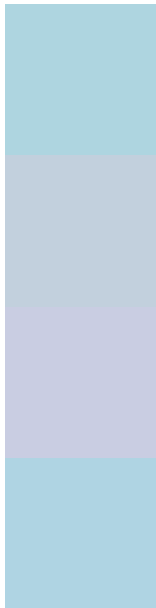
62.8383, 61.4535, 81.2228



Tritanopia

55.3655, 61.8581, 83.1505

Trichromacy



Original Color

54.7044, 61.9690, 79.5990

Protanomaly

57.8552, 61.8015, 77.2862

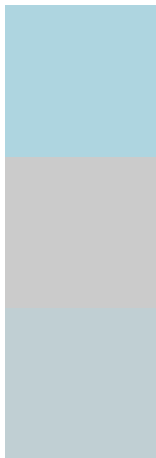
Deuteranomaly

59.6462, 61.5711, 80.6922

Tritanomaly

55.0878, 61.7470, 81.6880

Monochromacy



Original Color

54.7044, 61.9690, 79.5990

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.8089, 60.5353, 70.3710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7044, 61.9690, 79.5990 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, 213, 224)` looks like.

```
.text, #text, p{  
    color:rgb(174, 213, 224)  
}
```

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, 213, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 213, 224) }
```

Border

The CSS property to change the border of an element to XYZ 54.7044, 61.9690, 79.5990 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, 213, 224) }
```


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

```
.border{ border-color:rgb(174, 213, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 213, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 213, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 213, 224);  
box-shadow:4px 4px 4px 4px rgb(174, 213,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7044, 61.9690, 79.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 213, 224) }
```

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

```
.background{ background-color: rgb(174,  
213, 224) }
```

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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