

Converting Colors

XYZ(55.2580, 64.3712, 79.2156)

Have a look what the booklet for
XYZ(55.2580, 64.3712, 79.2156)
contains.

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Color

**XYZ(55.4454, 64.6487,
79.3682)**

Conversions

Conversions Part 1

Format	Color
Hex	ABDBDF
RGB	171, 219, 223
RGB Percent	67%, 86%, 87%
CMY	0.3294, 0.1412, 0.1255
CMYK	0.23, 0.02, 0.00, 0.13
HSL	185°, 45%, 77%
HSV	185°, 23%, 87%
XYZ	55.4454, 64.6487, 79.3682
YIQ	205.1040, -29.8920, -8.9320

Conversions

Conversions Part 2

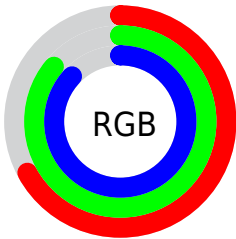
Format	Color
RYB	171, 196, 223
Decimal	11262943
CIELab	84.30, -14.56, -7.06
CIELCh	84, 16.181, 205.866
Yxy	64.6487, 0.2780, 0.3241
Android (android.graphics.Color)	4289453023 (0xFFABDBDF)
YUV	205.1040, 8.8227, -29.9092
Hunter-Lab	80.4044, -17.6174, -2.2428

Details

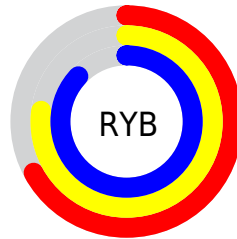
The XYZ color **55.4454, 64.6487, 79.3682** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.1127, 49.2884, 45.2437**, and the grayscale version is **58.0553, 61.0787, 66.5147**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **27.6795, 33.1600, 41.9874** is the 20% darker color. If you saturate the color by 10%, you get **50.5474, 61.4648, 79.0129**, and if you desaturate by 10%, it is **61.1713, 68.2695, 79.7664**.

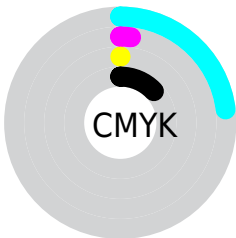
Distribution



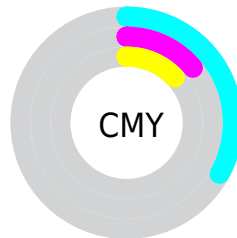
- Red (67%)
- Green (86%)
- Blue (87%)



- Red (67%)
- Yellow (77%)
- Blue (87%)



- Cyan (23%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (33%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4454, 64.6487, 79.3682 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 55.4454, 64.6487, 79.3682 by changing the saturation by 10% instead.

■ 55.4454, 64.6487,
79.3682

■ 55.4454, 64.6487,
79.3682

397.7071,
441.5285, 512.4516

■ 39.9937, 47.1763,
58.6755

■ 97.3378, 111.5446,
134.2804

■ 27.7178, 33.1750,
41.9336

124.5091,
141.7370, 169.3371

■ 18.2524, 22.2606,
28.7242

156.3177,
176.9380, 210.0187

■ 11.2321, 14.0485,
18.6285

193.1289,
217.5322, 256.7440

■ 6.2916, 8.1544,
11.2280

235.3081,
263.9040, 309.9313

■ 3.0656, 4.1939,
6.1043

283.2206,

■ 1.1885, 1.7826,

316.4377, 369.9994

2.8388

337.2318,
375.5177, 437.3666

■ 0.0973, 0.4763,
1.0129

■ 0.0000, 0.0000,
0.0000

■ 55.4454, 64.6487,
79.3682

■ 55.4454, 64.6487,
79.3682

■ 50.5474, 61.4648,
79.0129

■ 61.1713, 68.2695,
79.7664

■ 46.4305, 58.6888,
78.6940

■ 67.7576, 72.3391,
80.2047

■ 43.0519, 56.3002,
78.4110

■ 75.2420, 76.8785,
80.6865

■ 40.3624, 54.2735,
78.1616

■ 81.7181, 80.9050,
81.1223

■ 38.3067, 52.5805,
77.9432

■ 82.1862, 81.8413,
81.2784

■ 36.8213, 51.1881,
77.7527

■ 82.6590, 82.7868,
81.4360

■ 35.8289, 50.0566,
77.5866

■ 83.1365, 83.7417,
81.5951

■ 35.3570, 49.4028,
77.4853

■ 83.6186, 84.7061,
81.7558

■ 84.1055, 85.6798,
81.9181

Harmonies

Analogous

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



54.8191, 64.6487, 68.9767



55.4454, 64.6487, 79.3682



57.6561, 64.6487, 88.0456

Triad

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



55.4454, 64.6487, 79.3682



67.3360, 64.6487, 82.0709



61.9453, 64.6487, 52.4661

Complementary

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



55.4454, 64.6487, 79.3682



53.1127, 49.2884, 45.2437

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.



65.3998, 64.6487, 55.2706



55.4454, 64.6487, 79.3682



68.5879, 64.6487, 71.8254

Square

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



55.4454, 64.6487, 79.3682



64.5060, 64.6487, 89.7095



67.8660, 64.6487, 62.1184



58.4856, 64.6487, 54.0671

Rectangle

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



55.4454, 64.6487, 79.3682



59.7773, 64.6487, 91.3430



67.8660, 64.6487, 62.1184



63.1468, 64.6487, 52.9168

Sweetspot

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



55.4473, 64.6513, 79.3697



88.3490, 95.8980, 108.4614



50.8690, 64.5087, 50.0550



18.7927, 20.4536, 23.2074



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.



55.4473, 64.6513, 79.3697



71.7555, 85.4290, 107.3153



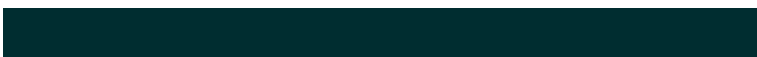
49.3032, 52.3631, 77.3216



14.0217, 15.3825, 17.6178



20.8268, 29.1232, 45.5720



1.4708, 2.0730, 3.1679

Inverse Universe

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



57.7820, 49.9297, 73.6128



75.4763, 62.2465, 98.0782



58.5458, 60.1546, 47.0547



14.2472, 13.9165, 17.0718



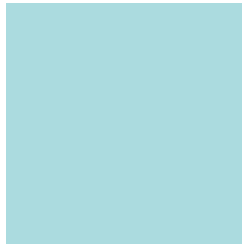
24.4526, 11.8480, 35.3788



1.7086, 0.8267, 2.5245

Previews

White Background



This preview shows how the XYZ color 55.4454, 64.6487, 79.3682 looks on a white background.

Color Contrast Check

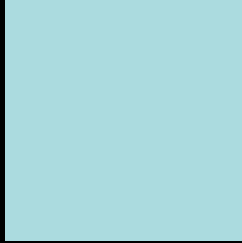
Large Text (above 18pt) WCAG AA × Fail

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 55.4454, 64.6487, 79.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

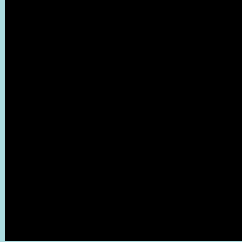
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4454, 64.6487, 79.3682

Background



This preview shows how black text looks on a background with the XYZ color 55.4454, 64.6487, 79.3682.

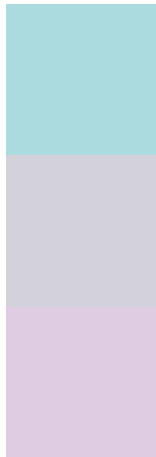


This preview shows how white text looks on a background with the XYZ color 55.4454, 64.6487,

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

55.4454, 64.6487, 79.3682

Protanopia

62.1888, 64.4596, 74.8099

Deuteranopia

65.7518, 64.3647, 80.9096



Tritanopia

57.0418, 64.5081, 88.0421

Trichromacy



Original Color

55.4454, 64.6487, 79.3682

Protanomaly

59.3454, 64.4387, 76.3279

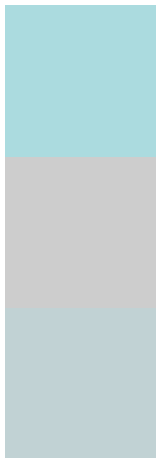
Deuteranomaly

61.2929, 63.8745, 80.3327

Tritanomaly

56.5085, 64.6830, 85.1081

Monochromacy



Original Color

55.4454, 64.6487, 79.3682

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.9226, 62.1841, 71.2899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4454, 64.6487, 79.3682 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(171, 219, 223)` looks like.

```
.text, #text, p{  
    color:rgb(171, 219, 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(171, 219, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 219, 223) }
```

Border

The CSS property to change the border of an element to XYZ 55.4454, 64.6487, 79.3682 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(171, 219, 223) }
```


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

```
.border{ border-color:rgb(171, 219, 223) }
```

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

Here you see how a box with a 4 pixel rgb(171, 219, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 219, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 219, 223);  
box-shadow:4px 4px 4px 4px rgb(171, 219,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4454, 64.6487, 79.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 219, 223) }
```

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

```
.background{ background-color: rgb(171,  
219, 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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