

Converting Colors

XYZ(55.9684, 66.5478, 76.9130)

Have a look what the booklet for
XYZ(55.9684, 66.5478, 76.9130)
contains.

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Color

**XYZ(55.9684, 66.5478,
76.9130)**

Conversions

Conversions Part 1

Format	Color
Hex	ABDFDB
RGB	171, 223, 219
RGB Percent	67%, 87%, 86%
CMY	0.3294, 0.1255, 0.1412
CMYK	0.23, 0.00, 0.02, 0.13
HSL	175°, 45%, 77%
HSV	175°, 23%, 87%
XYZ	55.9684, 66.5478, 76.9130
YIQ	206.9960, -29.7080, -12.2680

Conversions

Conversions Part 2

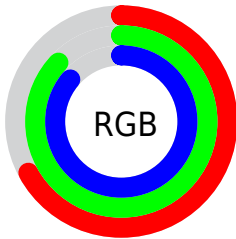
Format	Color
RYB	171, 198, 223
Decimal	11263963
CIELab	85.28, -17.44, -3.51
CIELCh	85, 17.792, 191.367
Yxy	66.5478, 0.2806, 0.3337
Android (android.graphics.Color)	4289454043 (0xFFABDFDB)
YUV	206.9960, 5.9180, -31.5685
Hunter-Lab	81.5768, -20.2938, 1.2035

Details

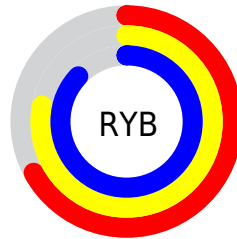
The XYZ color **55.9684, 66.5478, 76.9130** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.7345, 47.9106, 47.0283**, and the grayscale version is **59.2839, 62.3713, 67.9224**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **28.0396, 34.4675, 40.2970** is the 20% darker color. If you saturate the color by 10%, you get **51.2904, 64.1639, 75.5217**, and if you desaturate by 10%, it is **61.4720, 69.3605, 78.3579**.

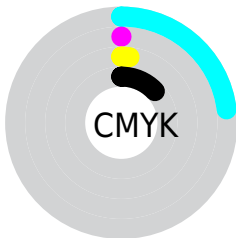
Distribution



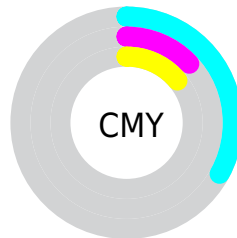
- Red (67%)
- Green (87%)
- Blue (86%)



- Red (67%)
- Yellow (78%)
- Blue (87%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9684, 66.5478, 76.9130 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 55.9684, 66.5478, 76.9130 by changing the saturation by 10% instead.

■ 55.9684, 66.5478,
76.9130

■ 55.9684, 66.5478,
76.9130

399.6494,
448.3335, 503.8971

■ 40.4145, 48.7172,
56.6703

■ 98.0985, 114.2722,
130.7886

■ 28.0475, 34.3952,
40.3330

125.4053,
144.9348, 165.2585

■ 18.5021, 23.1974,
27.4825

157.3605,
180.6436, 205.3080

■ 11.4129, 14.7393,
17.7003

194.3294,
221.7829, 251.3556

■ 6.4146, 8.6366,
10.5678

236.6774,
268.7372, 303.8197

■ 3.1418, 4.5049,
5.6665

284.7698,

■ 1.2292, 1.9598,

321.8908, 363.1190

2.5779

338.9720,
381.6280, 429.6720

■ 0.1292, 0.5840,
0.8810

■ 0.0000, 0.0000,
0.0000

■ 55.9684, 66.5478,
76.9130

■ 55.9684, 66.5478,
76.9130

■ 51.2904, 64.1639,
75.5217

■ 61.4720, 69.3605,
78.3579

■ 47.3913, 62.1795,
74.1776


■ 67.8338, 72.6136,
79.8538


■ 44.2282, 60.5744,
72.8800


■ 75.0915, 76.3283,
81.4038


■ 41.7519, 59.3230,
71.6267


■ 81.3383, 79.5216,
82.9188


 39.9074, 58.3970,
70.4149


 81.5749, 79.6162,
84.1649


 38.6308, 57.7635,
69.2416

 81.8139, 79.7118,
85.4234

 37.8449, 57.3828,
68.1033

 82.0552, 79.8083,
86.6944

 37.5098, 57.2262,
67.3584

 82.2990, 79.9058,
87.9779

 82.5451, 80.0043,
89.2740

Harmonies

Analogous

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



56.2025, 66.5478, 65.6103



55.9684, 66.5478, 76.9130



57.6232, 66.5478, 88.1052

Triad

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



55.9684, 66.5478, 76.9130



68.5018, 66.5478, 90.3857



65.7550, 66.5478, 53.4321

Complementary

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



55.9684, 66.5478, 76.9130



52.7345, 47.9106, 47.0283

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.



69.2353, 66.5478, 58.7847



55.9684, 66.5478, 76.9130



70.8669, 66.5478, 79.7690

Square

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



55.9684, 66.5478, 76.9130



64.7883, 66.5478, 96.4156



71.1409, 66.5478, 68.1808



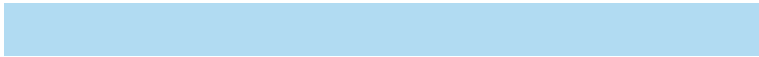
61.7396, 66.5478, 52.8413

Rectangle

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



55.9684, 66.5478, 76.9130



59.6175, 66.5478, 93.6904



71.1409, 66.5478, 68.1808



67.0306, 66.5478, 54.7054

Sweetspot

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



55.9703, 66.5505, 76.9145



88.5647, 96.6822, 107.4459



51.4944, 64.8710, 48.3364



18.8428, 20.6358, 22.9714



0.0000, 0.0000, 0.0000



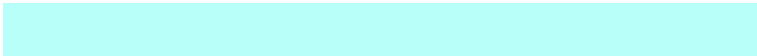
20.3446, 21.4041, 23.3091

Same Dimension

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



55.9703, 66.5505, 76.9145



72.6091, 88.5321, 103.2966



51.0802, 55.9166, 77.9161



14.0687, 15.5532, 17.3968



22.0733, 33.6542, 39.7044



1.5437, 2.3382, 2.8245

Inverse Universe

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



52.7345, 47.9106, 47.0283



67.4933, 59.0533, 56.0400



56.7808, 56.6231, 46.4658



13.7498, 13.7176, 14.4528



17.9694, 9.2548, 1.2387



1.2607, 0.6475, 0.1656

Previews

White Background



This preview shows how the XYZ color 55.9684, 66.5478, 76.9130 looks on a white background.

Color Contrast Check

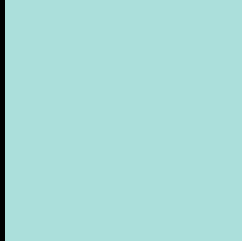
Large Text (above 18pt) WCAG AA × Fail

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 55.9684, 66.5478, 76.9130 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

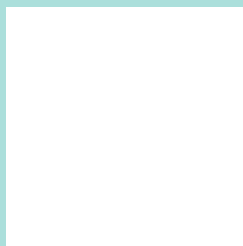
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9684, 66.5478, 76.9130

Background



This preview shows how black text looks on a background with the XYZ color 55.9684, 66.5478, 76.9130.

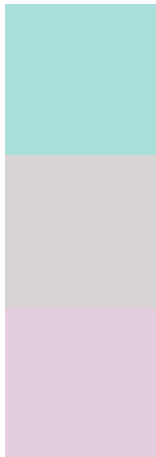


This preview shows how white text looks on a background with the XYZ color 55.9684, 66.5478,

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

55.9684, 66.5478, 76.9130

Protanopia

63.4968, 65.9409, 71.6686

Deuteranopia

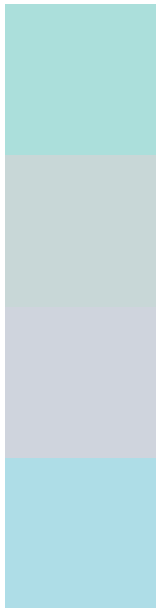
67.2510, 65.9105, 78.2847



Tritanopia

58.7050, 66.4734, 90.6255

Trichromacy



Original Color

55.9684, 66.5478, 76.9130

Protanomaly

60.3856, 65.7865, 73.8054

Deuteranomaly

62.3268, 65.5728, 77.7785

Tritanomaly

57.7358, 66.4811, 85.3904

Monochromacy



Original Color

55.9684, 66.5478, 76.9130

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.8003, 63.7610, 70.8887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9684, 66.5478, 76.9130 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, 223, 219)` looks like.

```
.text, #text, p{  
    color:rgb(171, 223, 219)  
}
```

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, 223, 219) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 55.9684, 66.5478, 76.9130 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, 223, 219) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 55.9684, 66.5478, 76.9130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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