

Converting Colors

XYZ(52.9143, 64.5979, 81.6464)

Have a look what the booklet for
XYZ(52.9143, 64.5979, 81.6464)
contains.

XYZ(52.7976, 64.4089, 81.6009)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.7976, 64.4089,
81.6009)**

Conversions

Conversions Part 1

Format	Color
Hex	98DEE2
RGB	152, 222, 226
RGB Percent	60%, 87%, 89%
CMY	0.4039, 0.1294, 0.1137
CMYK	0.33, 0.02, 0.00, 0.11
HSL	183°, 56%, 74%
HSV	183°, 33%, 89%
XYZ	52.7976, 64.4089, 81.6009
YIQ	201.5260, -43.0040, -13.5960

Conversions

Conversions Part 2

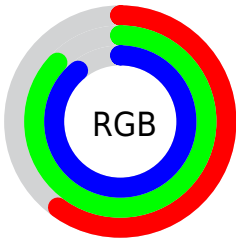
Format	Color
RYB	152, 188, 226
Decimal	10018530
CIELab	84.18, -20.78, -8.95
CIElCh	84, 22.627, 203.288
Yxy	64.4089, 0.2656, 0.3240
Android (android.graphics.Color)	4288208610 (0xFF98DEE2)
YUV	201.5260, 12.0657, -43.4343
Hunter-Lab	80.2552, -23.0164, -4.1056

Details

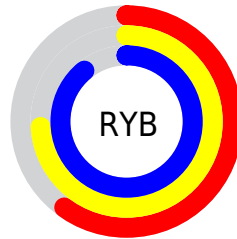
The XYZ color **52.7976, 64.4089, 81.6009** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.9208, 42.2132, 35.2767**, and the grayscale version is **55.7919, 58.6974, 63.9215**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **26.0992, 33.1191, 43.5451** is the 20% darker color. If you saturate the color by 10%, you get **48.6415, 61.7883, 81.3152**, and if you desaturate by 10%, it is **57.7658, 67.4548, 81.9281**.

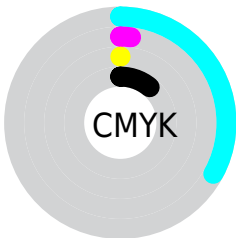
Distribution



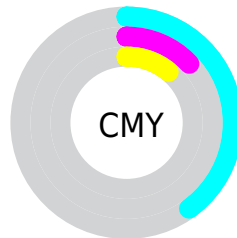
- Red (60%)
- Green (87%)
- Blue (89%)



- Red (60%)
- Yellow (74%)
- Blue (89%)



- Cyan (33%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)





- Cyan (40%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7976, 64.4089, 81.6009 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 52.7976, 64.4089, 81.6009 by changing the saturation by 10% instead.


 52.7976, 64.4089,
81.6009


 52.7976, 64.4089,
81.6009


387.7817,
440.6648, 520.1601

 37.8680, 46.9819,
60.5027


 93.4738, 111.1996,
137.4458

 26.0570, 33.0214,
43.3960


 119.9511,
141.3321, 173.0297

 16.9992, 22.1428,
29.8623


151.0084,
176.4687, 214.2792

 10.3292, 13.9619,
19.4829

187.0110,
216.9936, 261.6128

 5.6817, 8.0942,
11.8394

228.3242,
263.2912, 315.4492

 2.6913, 4.1553,
6.5132

275.3135,

 0.9927, 1.7608,

315.7460, 376.2069

3.0858

328.3442,
374.7424, 444.3043

■ 0.0000, 0.4626,
1.1386

■ 0.0000, 0.0000,
0.0000

■ 52.7976, 64.4089,
81.6009

■ 52.7976, 64.4089,
81.6009

■ 48.6415, 61.7883,
81.3152

■ 57.7658, 67.4548,
81.9281

■ 45.2459, 59.5616,
81.0644

■ 63.5826, 70.9401,
82.2942

■ 42.5620, 57.7053,
80.8475

■ 70.2893, 74.8877,
82.7027

■ 40.5334, 56.1903,
80.6620

■ 77.9227, 79.3165,
83.1552

■ 39.0946, 54.9828,
80.5048

■ 82.7409, 82.2975,
83.4767

■ 38.1670, 54.0422,
80.3721

■ 83.0782, 82.9721,
83.5891

■ 37.7218, 53.4793,
80.2870

■ 83.4178, 83.6514,
83.7023

■ 83.7599, 84.3355,
83.8163

■ 84.1043, 85.0243,
83.9311

Harmonies

Analogous

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



52.1497, 64.4089, 66.9578



52.7976, 64.4089, 81.6009



55.6440, 64.4089, 94.6268

Triad

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



52.7976, 64.4089, 81.6009



69.2622, 64.4089, 87.9308



62.3505, 64.4089, 46.1643

Complementary

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



52.7976, 64.4089, 81.6009



48.9208, 42.2132, 35.2767

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.



67.1539, 64.4089, 50.2746



52.7976, 64.4089, 81.6009



71.2826, 64.4089, 73.4015

Square

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



52.7976, 64.4089, 81.6009



65.1028, 64.4089, 98.6153



70.4908, 64.4089, 59.7885



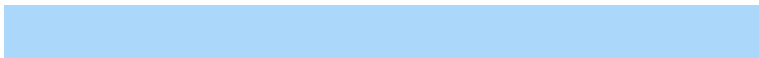
57.4923, 64.4089, 47.7380

Rectangle

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



52.7976, 64.4089, 81.6009



58.4927, 64.4089, 99.9786



70.4908, 64.4089, 59.7885



64.0281, 64.4089, 46.9063

Sweetspot

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



52.7995, 64.4115, 81.6024



85.8450, 94.6046, 108.3437



46.1219, 63.4595, 41.1389



18.1183, 20.0978, 23.1743



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.



52.7995, 64.4115, 81.6024



65.7434, 82.3831, 107.0442



44.0895, 46.9914, 78.6990



14.0498, 15.4388, 17.6272



21.5488, 30.5671, 45.8127



1.5133, 2.1581, 3.1820

Inverse Universe

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



55.7786, 43.9006, 74.6439



70.2501, 51.7650, 96.4257



56.0365, 56.4445, 37.6486



14.2614, 13.9222, 17.1465



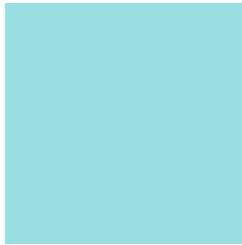
24.8170, 11.9938, 37.2978



1.7301, 0.8353, 2.6376

Previews

White Background



This preview shows how the XYZ color 52.7976, 64.4089, 81.6009 looks on a white background.

Color Contrast Check

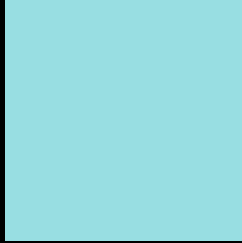
Large Text (above 18pt) WCAG AA × Fail

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 52.7976, 64.4089, 81.6009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

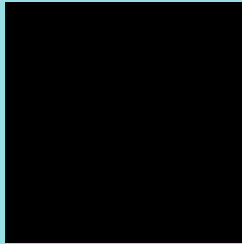
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

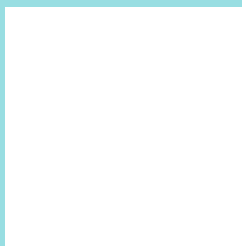
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.7976, 64.4089, 81.6009

Background



This preview shows how black text looks on a background with the XYZ color 52.7976, 64.4089, 81.6009.

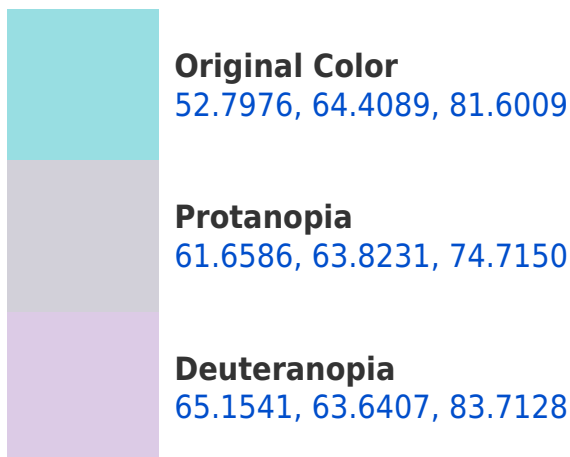


This preview shows how white text looks on a background with the XYZ color 52.7976, 64.4089,

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





Tritanopia

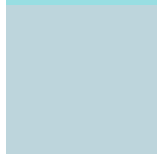
54.5434, 64.3280, 90.4307

Trichromacy



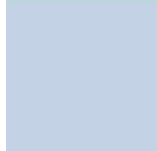
Original Color

52.7976, 64.4089, 81.6009



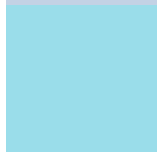
Protanomaly

57.6988, 63.5746, 76.9402



Deuteranomaly

59.6951, 63.3524, 83.2107



Tritanomaly

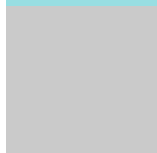
54.0342, 64.5234, 87.4483

Monochromacy



Original Color

52.7976, 64.4089, 81.6009



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

54.3255, 60.4944, 70.4413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7976, 64.4089, 81.6009 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(152, 222, 226)` looks like.

```
.text, #text, p{  
    color:rgb(152, 222, 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(152, 222, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 222, 226) }
```

Border

The CSS property to change the border of an element to XYZ 52.7976, 64.4089, 81.6009 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(152, 222, 226) }
```


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

```
.border{ border-color:rgb(152, 222, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 222, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 222, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 222, 226);  
box-shadow:4px 4px 4px 4px rgb(152, 222,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7976, 64.4089, 81.6009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 222, 226) }
```

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

```
.background{ background-color: rgb(152,  
222, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor