

Converting Colors

XYZ(53.0922, 64.3259, 78.1730)

Have a look what the booklet for
XYZ(53.0922, 64.3259, 78.1730)
contains.

XYZ(53.0081, 64.2025, 78.0051)	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(53.0081, 64.2025,
78.0051)**

Conversions

Conversions Part 1

Format	Color
Hex	9EDDDD
RGB	158, 221, 221
RGB Percent	62%, 87%, 87%
CMY	0.3804, 0.1333, 0.1333
CMYK	0.29, 0.00, 0.00, 0.13
HSL	180°, 48%, 74%
HSV	180°, 29%, 87%
XYZ	53.0081, 64.2025, 78.0051
YIQ	202.1630, -37.5480, -13.3560

Conversions

Conversions Part 2

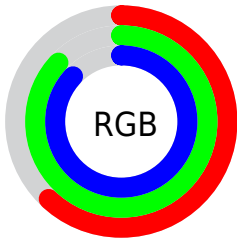
Format	Color
RYB	158, 190, 221
Decimal	10411485
CIELab	84.07, -19.78, -6.42
CIELCh	84, 20.793, 197.989
Yxy	64.2025, 0.2715, 0.3289
Android (android.graphics.Color)	4288601565 (0xFF9EDDDD)
YUV	202.1630, 9.2866, -38.7310
Hunter-Lab	80.1265, -22.1337, -1.6318

Details

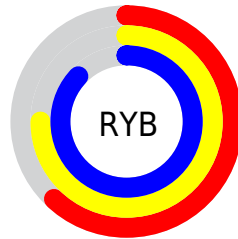
The XYZ color **53.0081, 64.2025, 78.0051** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.2194, 42.2962, 37.9727**, and the grayscale version is **56.2029, 59.1298, 64.3924**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **26.2281, 32.9687, 41.0576** is the 20% darker color. If you saturate the color by 10%, you get **49.0462, 62.1617, 77.8204**, and if you desaturate by 10%, it is **57.7554, 66.6514, 78.2293**.

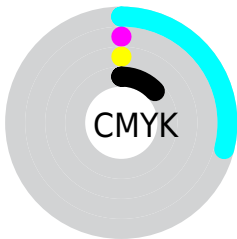
Distribution



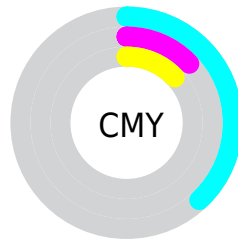
- Red (62%)
- Green (87%)
- Blue (87%)



- Red (62%)
- Yellow (75%)
- Blue (87%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)





- Cyan (38%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0081, 64.2025, 78.0051 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 53.0081, 64.2025, 78.0051 by changing the saturation by 10% instead.


 53.0081, 64.2025,
78.0051


 53.0081, 64.2025,
78.0051


388.5765,
439.9205, 507.7125

 38.0367, 46.8147,
57.5617


 93.7817, 110.9025,
132.3432

 26.1885, 32.8892,
41.0440


 120.3147,
140.9835, 167.0751

 17.0982, 22.0416,
28.0335


151.4323,
176.0644, 207.4068

 10.4002, 13.8875,
18.1117

187.4999,
216.5295, 253.7569

 5.7294, 8.0424,
10.8599

228.8827,
262.7633, 306.5440

 2.7203, 4.1221,
5.8597

275.9462,

 1.0077, 1.7421,

315.1502, 366.1866

2.6926

329.0557,
374.0744, 433.1033

■ 0.0000, 0.4507,
0.9397

■ 0.0000, 0.0000,
0.0000

■ 53.0081, 64.2025,
78.0051

■ 53.0081, 64.2025,
78.0051

■ 49.0462, 62.1617,
77.8204

■ 57.7554, 66.6514,
78.2293

■ 45.8223, 60.4997,
77.6688

■ 63.3214, 69.5208,
78.4905

■ 43.2924, 59.1955,
77.5497

■ 69.7440, 72.8318,
78.7918

■ 41.4055, 58.2228,
77.4607

■ 77.0575, 76.6019,
79.1347

■ 40.1038, 57.5518,
77.3991

■ 80.1496, 78.1960,
79.2801

■ 39.3190, 57.1472,
77.3617

■ 80.1497, 78.1960,
79.2808

■ 38.9493, 56.9567,
77.3437

■ 80.1499, 78.1961,
79.2815

■ 38.9080, 56.9354,
77.3417

■ 80.1500, 78.1962,
79.2822

■ 80.1501, 78.1962,
79.2829

Harmonies

Analogous

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



52.7915, 64.2025, 64.7770



53.0081, 64.2025, 78.0051



55.3049, 64.2025, 90.4160

Triad

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



53.0081, 64.2025, 78.0051



67.8172, 64.2025, 88.2214



62.8775, 64.2025, 47.9847

Complementary

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



53.0081, 64.2025, 78.0051



48.2194, 42.2962, 37.9727

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.



67.1213, 64.2025, 52.7582



53.0081, 64.2025, 78.0051



70.0675, 64.2025, 75.2980

Square

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



53.0081, 64.2025, 78.0051



63.7887, 64.2025, 96.8042



69.8067, 64.2025, 62.3871



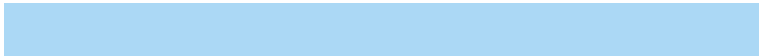
58.3375, 64.2025, 48.5176

Rectangle

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



53.0081, 64.2025, 78.0051



57.7746, 64.2025, 96.0525



69.8067, 64.2025, 62.3871



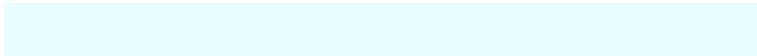
64.3900, 64.2025, 48.9947

Sweetspot

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



53.0100, 64.2051, 78.0066



87.1048, 95.9041, 108.5273



46.3379, 61.5602, 41.7889



18.3888, 20.3959, 23.2173



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.



53.0100, 64.2051, 78.0066



70.0218, 87.0975, 107.7254



45.6863, 49.5572, 75.5672



13.4449, 14.8296, 16.8058



22.6012, 33.0731, 44.9270



1.4642, 2.1426, 2.9106

Inverse Universe

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



48.2194, 42.2962, 37.9727



62.3943, 52.2147, 43.9843



54.0721, 54.0020, 39.9224



13.0561, 13.0515, 13.5568



17.3222, 8.9299, 0.8109



1.1222, 0.5785, 0.0526

Previews

White Background



This preview shows how the XYZ color 53.0081, 64.2025, 78.0051 looks on a white background.

Color Contrast Check

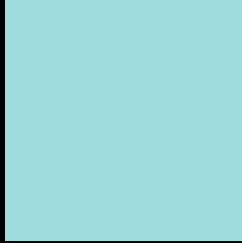
Large Text (above 18pt) WCAG AA × Fail

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 53.0081, 64.2025, 78.0051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

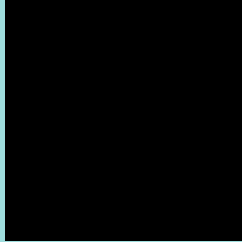
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0081, 64.2025, 78.0051

Background



This preview shows how black text looks on a background with the XYZ color 53.0081, 64.2025, 78.0051.

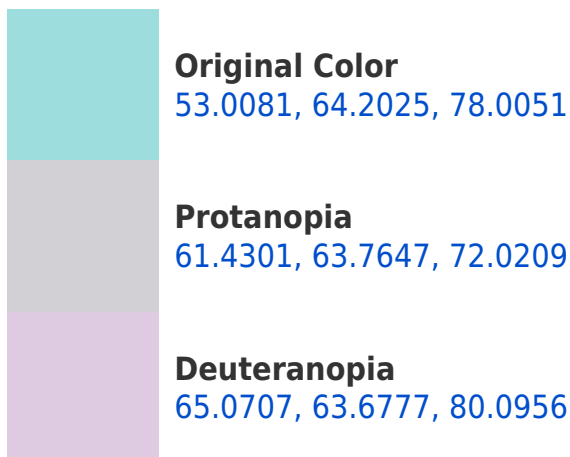


This preview shows how white text looks on a background with the XYZ color 53.0081, 64.2025,

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

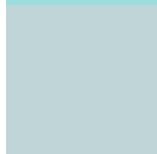
55.1698, 64.2962, 88.8595

Trichromacy



Original Color

53.0081, 64.2025, 78.0051



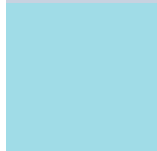
Protanomaly

57.9271, 63.7528, 74.2182



Deuteranomaly

60.0543, 63.6171, 79.6351



Tritanomaly

54.5142, 64.4295, 85.1642

Monochromacy



Original Color

53.0081, 64.2025, 78.0051



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

54.5588, 60.6435, 69.1514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0081, 64.2025, 78.0051 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(158, 221, 221)` looks like.

```
.text, #text, p{  
    color:rgb(158, 221, 221)  
}
```

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(158, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 221, 221) }
```

Border

The CSS property to change the border of an element to XYZ 53.0081, 64.2025, 78.0051 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(158, 221, 221) }
```


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

```
.border{ border-color:rgb(158, 221, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 221, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 221, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 221, 221);  
box-shadow:4px 4px 4px 4px rgb(158, 221,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0081, 64.2025, 78.0051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 221, 221) }
```

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

```
.background{ background-color: rgb(158,  
221, 221) }
```

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