

Converting Colors

XYZ(53.0761, 63.8313, 78.6305)

Have a look what the booklet for
XYZ(53.0761, 63.8313, 78.6305)
contains.

XYZ(53.0761, 63.8313, 78.6305)	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(53.0761, 63.8313,
78.6305)**

Conversions

Conversions Part 1

Format	Color
Hex	9FDCDE
RGB	159, 220, 222
RGB Percent	62%, 86%, 87%
CMY	0.3765, 0.1372, 0.1294
CMYK	0.28, 0.01, 0.00, 0.13
HSL	182°, 49%, 75%
HSV	182°, 28%, 87%
XYZ	53.0761, 63.8313, 78.6305
YIQ	201.9890, -36.9980, -12.3100

Conversions

Conversions Part 2

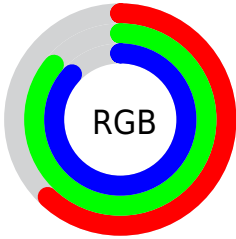
Format	Color
R _Y B	159, 190, 222
Decimal	10476766
CIE Lab	83.88, -18.77, -7.23
CIE LCh	84, 20.113, 201.073
Yxy	63.8313, 0.2714, 0.3264
Android (android.graphics.Color)	4288666846 (0xFF9FDCDE)
YUV	201.9890, 9.8654, -37.7014
Hunter-Lab	79.8945, -21.2329, -2.4258

Details

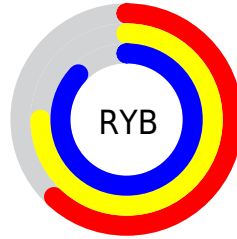
The XYZ color **53.0761, 63.8313, 78.6305** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.1278, 43.5229, 38.6136**, and the grayscale version is **56.0906, 59.0117, 64.2638**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **26.2559, 32.7035, 41.4878** is the 20% darker color. If you saturate the color by 10%, you get **48.8792, 61.3957, 78.3826**, and if you desaturate by 10%, it is **58.0681, 66.6812, 78.9185**.

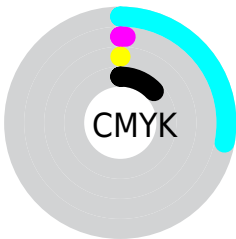
Distribution



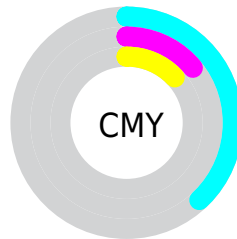
- Red (62%)
- Green (86%)
- Blue (87%)



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



- Cyan (28%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)





- Cyan (38%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0761, 63.8313, 78.6305 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 53.0761, 63.8313, 78.6305 by changing the saturation by 10% instead.


 53.0761, 63.8313,
78.6305


 53.0761, 63.8313,
78.6305


388.8331,
438.5802, 509.8900

 38.0912, 46.5141,
58.0725


 93.8812, 110.3679,
133.2325

 26.2311, 32.6517,
41.4519


 120.4322,
140.3561, 168.1136

 17.1302, 21.8597,
28.3500


151.5692,
175.3367, 208.6062

 10.4232, 13.7539,
18.3483

187.6577,
215.6942, 255.1288

 5.7449, 7.9497,
11.0283

229.0630,
261.8129, 308.0999

 2.7297, 4.0628,
5.9715

276.1504,

 1.0125, 1.7087,

314.0772, 367.9381

2.7592

329.2853,
372.8715, 435.0620

■ 0.0000, 0.4293,
0.9731

■ 0.0000, 0.0000,
0.0000

■ 53.0761, 63.8313,
78.6305

■ 53.0761, 63.8313,
78.6305

■ 48.8792, 61.3957,
78.3826

■ 58.0681, 66.6812,
78.9185

■ 45.4295, 59.3448,
78.1686

■ 63.8889, 69.9579,
79.2442

■ 42.6826, 57.6573,
77.9877

■ 70.5768, 73.6827,
79.6107

■ 40.5870, 56.3069,
77.8374

■ 78.1662, 77.8735,
80.0196

■ 39.0844, 55.2632,
77.7152

■ 80.9527, 79.5894,
80.2039

■ 38.1059, 54.4908,
77.6177

■ 81.1418, 79.9675,
80.2669

■ 37.5503, 53.9377,
77.5402

■ 81.3316, 80.3471,
80.3302

■ 37.4761, 53.8563,
77.5284

■ 81.5221, 80.7283,
80.3937

■ 81.7135, 81.1110,
80.4575

Harmonies

Analogous

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



52.6513, 63.8313, 65.7907



53.0761, 63.8313, 78.6305



55.4823, 63.8313, 90.2199

Triad

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



53.0761, 63.8313, 78.6305



67.5281, 63.8313, 85.9531



61.9988, 63.8313, 48.1130

Complementary

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



53.0761, 63.8313, 78.6305



49.1278, 43.5229, 38.6136

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.



66.1709, 63.8313, 52.2257



53.0761, 63.8313, 78.6305



69.4636, 63.8313, 73.3492

Square

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



53.0761, 63.8313, 78.6305



63.7788, 63.8313, 94.7918



68.9552, 63.8313, 61.1078



57.6634, 63.8313, 49.1642

Rectangle

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



53.0761, 63.8313, 78.6305



57.9532, 63.8313, 95.1760



68.9552, 63.8313, 61.1078



63.4698, 63.8313, 48.9169

Sweetspot

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



53.0780, 63.8339, 78.6320



86.8733, 95.4408, 108.4510



46.7701, 62.1545, 42.8139



18.3313, 20.2807, 23.1984



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.



53.0780, 63.8339, 78.6320



69.1518, 85.3566, 107.4385



45.7787, 49.2353, 76.1989



14.0774, 15.4939, 17.6363



22.2761, 32.0217, 46.0551



1.5559, 2.2433, 3.1962

Inverse Universe

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



55.4421, 45.4946, 73.5723



72.9086, 56.4204, 99.3520



55.1344, 55.5360, 40.6158



14.2753, 13.9277, 17.2198



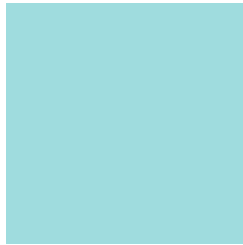
25.1841, 12.1407, 39.2310



1.7516, 0.8439, 2.7508

Previews

White Background



This preview shows how the XYZ color 53.0761, 63.8313, 78.6305 looks on a white background.

Color Contrast Check

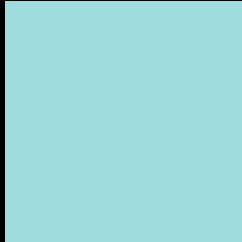
Large Text (above 18pt) WCAG AA × Fail

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 53.0761, 63.8313, 78.6305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

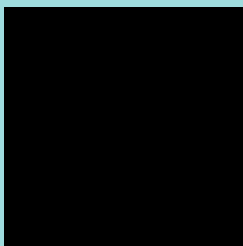
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

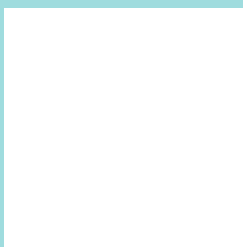
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0761, 63.8313, 78.6305

Background



This preview shows how black text looks on a background with the XYZ color 53.0761, 63.8313, 78.6305.

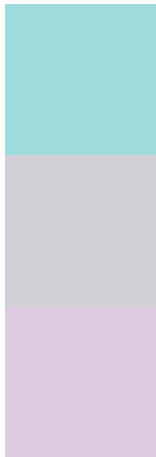


This preview shows how white text looks on a background with the XYZ color 53.0761, 63.8313,

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

53.0761, 63.8313, 78.6305

Protanopia

61.0288, 63.1823, 72.5972

Deuteranopia

64.9022, 63.5750, 80.8020



Tritanopia

54.9671, 63.8223, 88.0191

Trichromacy



Original Color

53.0761, 63.8313, 78.6305

Protanomaly

57.5537, 63.1731, 74.8059

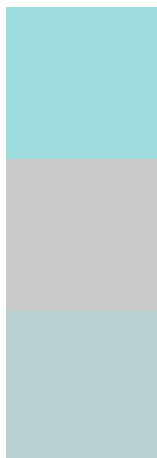
Deuteranomaly

59.6798, 63.0429, 80.2572

Tritanomaly

54.3124, 63.9533, 84.3446

Monochromacy



Original Color

53.0761, 63.8313, 78.6305

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 53.0761, 63.8313, 78.6305 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(159, 220, 222)` looks like.

```
.text, #text, p{  
    color:rgb(159, 220, 222)  
}
```

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(159, 220, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 220, 222) }
```

Border

The CSS property to change the border of an element to XYZ 53.0761, 63.8313, 78.6305 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(159, 220, 222) }
```


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

```
.border{ border-color:rgb(159, 220, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 220, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 220, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 220, 222);  
box-shadow:4px 4px 4px 4px rgb(159, 220,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0761, 63.8313, 78.6305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 220, 222) }
```

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

```
.background{ background-color: rgb(159,  
220, 222) }
```

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