

Converting Colors

XYZ(53.4175, 63.2640, 79.6447)

Have a look what the booklet for
XYZ(53.4175, 63.2640, 79.6447)
contains.

XYZ(53.4262, 63.2060, 79.9051)	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(53.4262, 63.2060,
79.9051)**

Conversions

Conversions Part 1

Format	Color
Hex	A2DAE0
RGB	162, 218, 224
RGB Percent	64%, 85%, 88%
CMY	0.3647, 0.1451, 0.1216
CMYK	0.28, 0.03, 0.00, 0.12
HSL	186°, 50%, 76%
HSV	186°, 28%, 88%
XYZ	53.4262, 63.2060, 79.9051
YIQ	201.9400, -35.3020, -10.0060

Conversions

Conversions Part 2

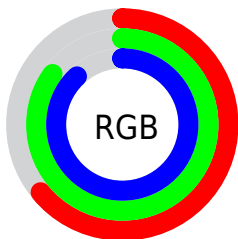
Format	Color
R _{YB}	162, 191, 224
Decimal	10672864
CIE _{Lab}	83.55, -16.45, -8.76
CIE _{LCh}	84, 18.641, 208.031
Yxy	63.2060, 0.2718, 0.3216
Android (android.graphics.Color)	4288862944 (0xFFA2DAE0)
YUV	201.9400, 10.8756, -35.0274
Hunter-Lab	79.5022, -19.1752, -3.9389

Details

The XYZ color **53.4262, 63.2060, 79.9051** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.2654, 46.4615, 40.4497**, and the grayscale version is **56.0532, 58.9723, 64.2209**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **26.4430, 32.2471, 42.3667** is the 20% darker color. If you saturate the color by 10%, you get **48.7173, 59.9513, 79.5261**, and if you desaturate by 10%, it is **58.9567, 66.8983, 80.3273**.

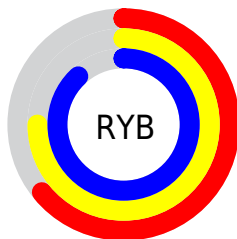
Distribution



Red (64%)

Green (85%)

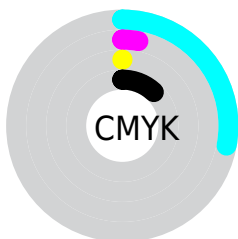
Blue (88%)



Red (64%)

Yellow (75%)

Blue (88%)

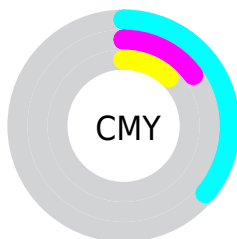


Cyan (28%)

Magenta (3%)

Yellow (0%)

Black (12%)



Cyan (36%)

Magenta (15%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4262, 63.2060, 79.9051 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 53.4262, 63.2060, 79.9051 by changing the saturation by 10% instead.

■ 53.4262, 63.2060,
79.9051

■ 53.4262, 63.2060,
79.9051

390.1523,
436.3167, 514.3113

■ 38.3720, 46.0079,
59.1146

■ 94.3931, 109.4667,
135.0425

■ 26.4500, 32.2520,
42.2847

■ 121.0364,
139.2980, 170.2264

■ 17.2951, 21.5541,
28.9971

152.2735,
174.1092, 211.0452

■ 10.5417, 13.5296,
18.8330

188.4696,
214.2846, 257.9174

■ 5.8246, 7.7942,
11.3741

229.9902,
260.2087, 311.2616

■ 2.7783, 3.9636,
6.2017

277.2006,

■ 1.0377, 1.6532,

312.2658, 371.4963

2.8974

330.4662,
370.8403, 439.0400

■ 0.0000, 0.3931,
1.0425

■ 0.0000, 0.0000,
0.0000

■ 53.4262, 63.2060,
79.9051

■ 53.4262, 63.2060,
79.9051

■ 48.7173, 59.9513,
79.5261

■ 58.9567, 66.8983,
80.3273

■ 44.7814, 57.1044,
79.1841

■ 65.3429, 71.0411,
80.7904

■ 41.5732, 54.6435,
78.8781

■ 72.6242, 75.6563,
81.2975

■ 39.0405, 52.5416,
78.6059

■ 80.8354, 80.7619,
81.8502

37.1243, 50.7682,
78.3646

82.6693, 82.5910,
82.1066

35.7549, 49.2874,
78.1510

83.2721, 83.7965,
82.3075

34.8372, 48.0502,
77.9605

83.8823, 85.0171,
82.5109

34.6536, 47.7796,
77.9180

84.5001, 86.2527,
82.7168

85.1255, 87.5034,
82.9253

Harmonies

Analogous

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



52.5856, 63.2060, 68.0532



53.4262, 63.2060, 79.9051



56.0248, 63.2060, 89.6487

Triad

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



53.4262, 63.2060, 79.9051



66.9651, 63.2060, 81.3880



60.3448, 63.2060, 48.7557

Complementary

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



53.4262, 63.2060, 79.9051



51.2654, 46.4615, 40.4497

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.



64.3167, 63.2060, 51.4975



53.4262, 63.2060, 79.9051



68.2447, 63.2060, 69.5937

Square

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



53.4262, 63.2060, 79.9051



63.8304, 63.2060, 90.5706



67.2546, 63.2060, 58.8117



56.4706, 63.2060, 50.8652

Rectangle

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



53.4262, 63.2060, 79.9051



58.4664, 63.2060, 93.1685



67.2546, 63.2060, 58.8117



61.7137, 63.2060, 49.1335

Sweetspot

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



53.4281, 63.2085, 79.9065



87.3127, 95.0816, 108.3584



48.5476, 63.7900, 46.3953



18.3958, 20.1633, 23.1723



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.



53.4281, 63.2085, 79.9065



68.0299, 82.2970, 106.9071



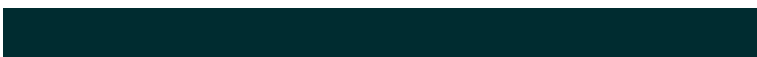
46.3037, 48.9598, 77.5317



13.9973, 15.3338, 17.6097



20.2176, 27.9048, 45.3690



1.4347, 2.0009, 3.1558

Inverse Universe

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



56.3172, 46.7513, 72.3882



72.5415, 57.0359, 95.0682



57.4954, 58.9216, 42.5263



14.2349, 13.9116, 17.0070



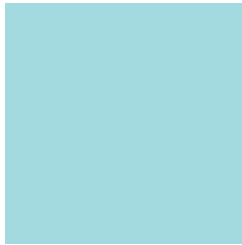
24.1451, 11.7251, 33.7596



1.6904, 0.8194, 2.4287

Previews

White Background



This preview shows how the XYZ color 53.4262, 63.2060, 79.9051 looks on a white background.

Color Contrast Check

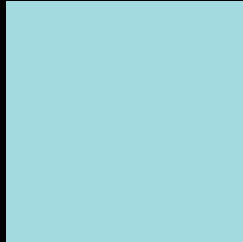
Large Text (above 18pt) WCAG AA × Fail

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 53.4262, 63.2060, 79.9051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

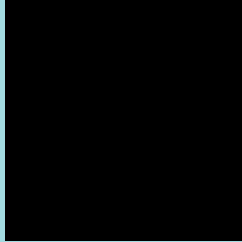
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4262, 63.2060, 79.9051

Background



This preview shows how black text looks on a background with the XYZ color 53.4262, 63.2060, 79.9051.

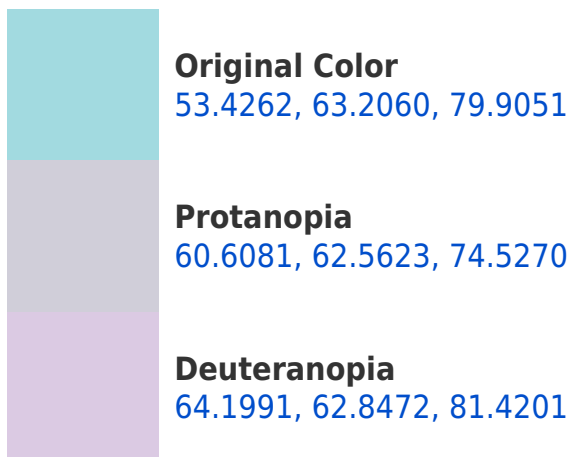


This preview shows how white text looks on a background with the XYZ color 53.4262, 63.2060,

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

54.7170, 62.9448, 87.1076

Trichromacy



Original Color

53.4262, 63.2060, 79.9051

Protanomaly

57.4507, 62.3369, 76.7144

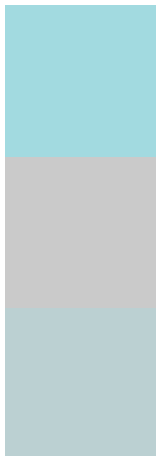
Deuteranomaly

59.5720, 62.6085, 80.8964

Tritanomaly

54.2000, 63.1254, 84.1907

Monochromacy



Original Color

53.4262, 63.2060, 79.9051

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.6823, 60.3297, 69.7355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4262, 63.2060, 79.9051 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(162, 218, 224)` looks like.

```
.text, #text, p{  
    color:rgb(162, 218, 224)  
}
```

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(162, 218, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 218, 224) }
```

Border

The CSS property to change the border of an element to XYZ 53.4262, 63.2060, 79.9051 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(162, 218, 224) }
```


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

```
.border{ border-color:rgb(162, 218, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 218, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 218, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 218, 224);  
box-shadow:4px 4px 4px 4px rgb(162, 218,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4262, 63.2060, 79.9051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 218, 224) }
```

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

```
.background{ background-color: rgb(162,  
218, 224) }
```

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