

Converting Colors

XYZ(53.8546, 66.6340, 82.2146)

Have a look what the booklet for
XYZ(53.8546, 66.6340, 82.2146)
contains.

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Color

**XYZ(53.6863, 66.4630,
81.9506)**

Conversions

Conversions Part 1

Format	Color
Hex	97E2E2
RGB	151, 226, 226
RGB Percent	59%, 89%, 89%
CMY	0.4078, 0.1137, 0.1137
CMYK	0.33, 0.00, 0.00, 0.11
HSL	180°, 56%, 74%
HSV	180°, 33%, 89%
XYZ	53.6863, 66.4630, 81.9506
YIQ	203.5750, -44.7000, -15.9000

Conversions

Conversions Part 2

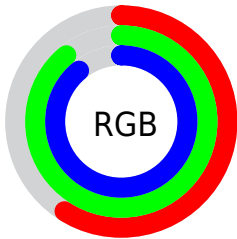
Format	Color
RYB	151, 189, 226
Decimal	9954018
CIELab	85.23, -23.03, -7.39
CIELCh	85, 24.188, 197.784
Yxy	66.4630, 0.2656, 0.3289
Android (android.graphics.Color)	4288144098 (0xFF97E2E2)
YUV	203.5750, 11.0555, -46.1083
Hunter-Lab	81.5248, -25.1214, -2.5322

Details

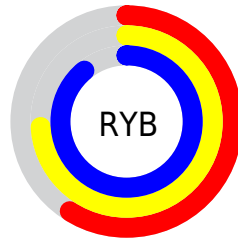
The XYZ color **53.6863, 66.4630, 81.9506** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.0188, 40.5382, 34.5744**, and the grayscale version is **57.0807, 60.0533, 65.3980**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **26.5493, 34.1765, 43.7255** is the 20% darker color. If you saturate the color by 10%, you get **49.8879, 64.5065, 81.7737**, and if you desaturate by 10%, it is **58.2926, 68.8393, 82.1682**.

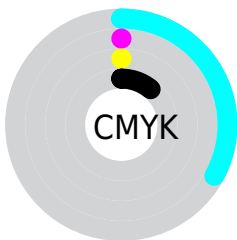
Distribution



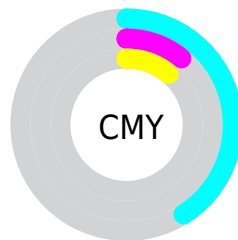
- Red (59%)
- Green (89%)
- Blue (89%)



- Red (59%)
- Yellow (74%)
- Blue (89%)



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





- Cyan (41%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6863, 66.4630, 81.9506 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 53.6863, 66.4630, 81.9506 by changing the saturation by 10% instead.


 53.6863, 66.4630,
81.9506


 53.6863, 66.4630,
81.9506

391.1305,
448.0309, 521.3615

 38.5806, 48.6484,
60.7892


 94.7731, 114.1506,
137.9408

 26.6129, 34.3406,
43.6256


 121.4849,
144.7924, 173.6067

 17.4178, 23.1554,
30.0413


152.7961,
180.4786, 214.9445

 10.6299, 14.7083,
19.6176

189.0720,
221.5937, 262.3728

 5.8840, 8.6149,
11.9361

230.6781,
268.5221, 316.3101

 2.8147, 4.4909,
6.5782

277.9796,

 1.0565, 1.9518,

321.6482, 377.1750

3.1253

331.3420,
381.3563, 445.3860

■ 0.0000, 0.5792,
1.1590

■ 0.0000, 0.0000,
0.0000

■ 53.6863, 66.4630,
81.9506

■ 53.6863, 66.4630,
81.9506

■ 49.8879, 64.5065,
81.7737

■ 58.2926, 68.8393,
82.1682

■ 46.8454, 62.9380,
81.6308

■ 63.7434, 71.6493,
82.4238

■ 44.5100, 61.7341,
81.5210

■ 70.0801, 74.9159,
82.7209

■ 42.8248, 60.8654,
81.4415

■ 77.3396, 78.6583,
83.0612

■ 41.7240, 60.2979,
81.3895

■ 82.1657, 81.1462,
83.2876

■ 41.1281, 59.9907,
81.3610

■ 82.1658, 81.1463,
83.2881

■ 40.9245, 59.8858,
81.3511

■ 82.1659, 81.1463,
83.2887

■ 82.1660, 81.1464,
83.2893

■ 82.1661, 81.1464,
83.2898

Harmonies

Analogous

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



53.4497, 66.4630, 66.1852



53.6863, 66.4630, 81.9506



56.3718, 66.4630, 97.0150

Triad

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



53.6863, 66.4630, 81.9506



71.2754, 66.4630, 94.5244



65.4203, 66.4630, 46.7643

Complementary

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



53.6863, 66.4630, 81.9506



48.0188, 40.5382, 34.5744

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.



70.4963, 66.4630, 52.2929



53.6863, 66.4630, 81.9506



74.0051, 66.4630, 78.9220

Square

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



53.6863, 66.4630, 81.9506



66.4343, 66.4630, 104.9633



73.7120, 66.4630, 63.5611



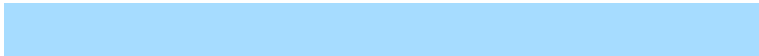
60.0165, 66.4630, 47.3319

Rectangle

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



53.6863, 66.4630, 81.9506



59.2816, 66.4630, 103.9467



73.7120, 66.4630, 63.5611



67.2271, 66.4630, 47.9342

Sweetspot

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



53.6883, 66.4656, 81.9521



86.2827, 95.4803, 108.4890



45.7800, 63.3293, 39.0904



18.2251, 20.3115, 23.2097



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.



53.6883, 66.4656, 81.9521



66.9463, 85.5121, 107.5819



44.8513, 48.7911, 79.0082



14.1166, 15.5724, 17.6493



23.3465, 34.1634, 46.4090



1.6183, 2.3680, 3.2168

Inverse Universe

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



48.0188, 40.5382, 34.5744



58.3813, 46.3425, 36.0065



54.7757, 54.0523, 36.8257



13.7073, 13.7006, 14.2289



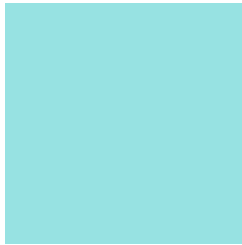
17.8932, 9.2243, 0.8376



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 53.6863, 66.4630, 81.9506 looks on a white background.

Color Contrast Check

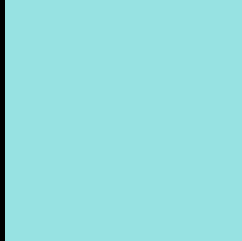
Large Text (above 18pt) WCAG AA × Fail

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 53.6863, 66.4630, 81.9506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

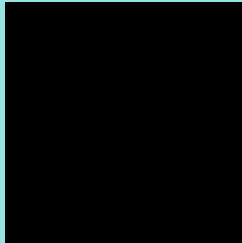
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

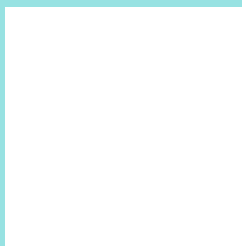
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6863, 66.4630, 81.9506

Background



This preview shows how black text looks on a background with the XYZ color 53.6863, 66.4630, 81.9506.

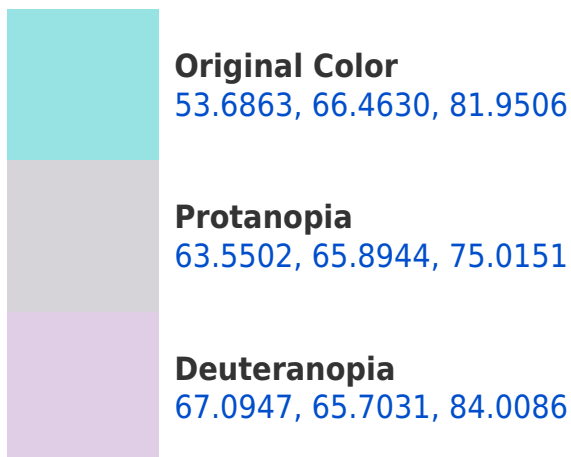


This preview shows how white text looks on a background with the XYZ color 53.6863, 66.4630,

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

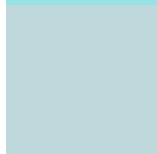
56.2002, 66.6907, 93.9149

Trichromacy



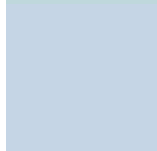
Original Color

53.6863, 66.4630, 81.9506



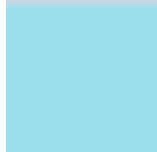
Protanomaly

58.9600, 65.3554, 77.2175



Deuteranomaly

60.9631, 65.1160, 83.4843



Tritanomaly

55.3920, 66.7766, 89.3266

Monochromacy



Original Color

53.6863, 66.4630, 81.9506



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

55.4347, 62.1547, 71.3627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6863, 66.4630, 81.9506 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(151, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(151, 226, 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(151, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 226, 226) }
```

Border

The CSS property to change the border of an element to XYZ 53.6863, 66.4630, 81.9506 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(151, 226, 226) }
```


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

```
.border{ border-color:rgb(151, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 226, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 226, 226); box-shadow:4px 4px 4px 4px rgb(151, 226, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6863, 66.4630, 81.9506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 226, 226) }
```

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

```
.background{ background-color: rgb(151,  
226, 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](#).

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