

Converting Colors

XYZ(40.6832, 54.3956, 81.0286)

Have a look what the booklet for
XYZ(40.6832, 54.3956, 81.0286)
contains.

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Color

**XYZ(40.6331, 54.2953,
81.0115)**

Conversions

Conversions Part 1

Format	Color
Hex	4FD4E3
RGB	79, 212, 227
RGB Percent	31%, 83%, 89%
CMY	0.6902, 0.1686, 0.1098
CMYK	0.65, 0.07, 0.00, 0.11
HSL	186°, 73%, 60%
HSV	186°, 65%, 89%
XYZ	40.6331, 54.2953, 81.0115
YIQ	173.9430, -84.0830, -23.5310

Conversions

Conversions Part 2

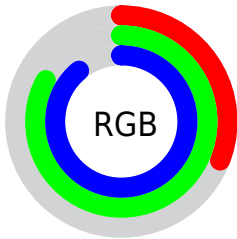
Format	Color
R _Y B	79, 149, 227
Decimal	5231843
CIE Lab	78.63, -31.24, -18.07
CIE LCh	79, 36.090, 210.040
Yxy	54.2953, 0.2309, 0.3086
Android (android.graphics.Color)	4283421923 (0xFF4FD4E3)
YUV	173.9430, 26.1571, -83.2650
Hunter-Lab	73.6853, -30.5172, -13.6052

Details

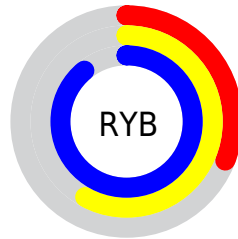
The XYZ color **40.6331, 54.2953, 81.0115** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **37.0939, 24.9025, 10.2504**, and the grayscale version is **40.1057, 42.1944, 45.9497**.

A 20% lighter version of the original color is **65.3116, 84.6693, 107.5083**, and **19.5034, 27.0925, 43.2312** is the 20% darker color. If you saturate the color by 10%, you get **38.4868, 52.3423, 80.7487**, and if you desaturate by 10%, it is **43.4354, 56.6009, 81.3098**.

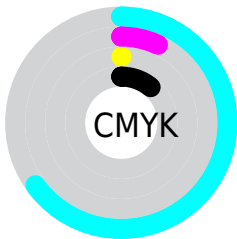
Distribution



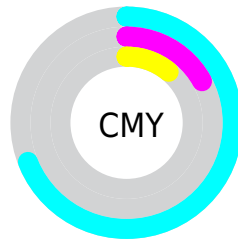
- Red (31%)
- Green (83%)
- Blue (89%)



- Red (31%)
- Yellow (58%)
- Blue (89%)



- Cyan (65%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)





- Cyan (69%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6331, 54.2953, 81.0115 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 40.6331, 54.2953, 81.0115 by changing the saturation by 10% instead.


 40.6331, 54.2953,
81.0115


 40.6331, 54.2953,
81.0115


339.8737,
403.2351, 518.1315

 28.2189, 38.8378,
60.0200


 75.4048, 96.5077,
136.6111


 18.6320, 26.6336,
43.0094


 98.4931, 124.0314,
172.0564

 11.5071, 17.2982,
29.5610

 125.8701,
156.3459, 213.1566

 6.4788, 10.4473,
19.2564

 157.9012,
193.8357, 260.3303

 3.1818, 5.6966,
11.6770

194.9518,
236.8851, 313.9962

 1.2506, 2.6615,
6.4043

237.3871,

 0.1458, 0.9577,

285.8785, 374.5726

3.0197

285.5726,
341.2004, 442.4782

■ 0.0000, 0.0000,
1.1047

■ 0.0000, 0.0000,
0.0000

■ 40.6331, 54.2953,
81.0115

■ 40.6331, 54.2953,
81.0115

■ 38.4868, 52.3423,
80.7487

■ 43.4354, 56.6009,
81.3098

■ 36.9225, 50.7003,
80.5142


■ 46.9477, 59.2837,
81.6425


■ 35.8577, 49.3279,
80.3054


■ 51.2243, 62.3727,
82.0134

■ 35.4572, 48.7300,
80.2111


■ 56.3124, 65.8923,
82.4246

 62.2559, 69.8653,
82.8782

 69.0950, 74.3125,
83.3761

 76.8678, 79.2533,
83.9201

 83.5157, 83.6268,
84.4139

 84.1616, 84.9188,
84.6292

Harmonies

Analogous

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



39.0844, 54.2953, 59.1454



40.6331, 54.2953, 81.0115



45.0631, 54.2953, 100.0352

Triad

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



40.6331, 54.2953, 81.0115



64.4065, 54.2953, 80.9536



51.5966, 54.2953, 27.9261

Complementary

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



40.6331, 54.2953, 81.0115



37.0939, 24.9025, 10.2504

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.



58.7535, 54.2953, 31.2280



40.6331, 54.2953, 81.0115



66.5517, 54.2953, 59.0913

Square

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



40.6331, 54.2953, 81.0115



58.7714, 54.2953, 99.9967



64.3955, 54.2953, 41.5743



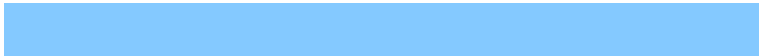
45.0481, 54.2953, 31.2457

Rectangle

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



40.6331, 54.2953, 81.0115



49.2728, 54.2953, 106.7859



64.3955, 54.2953, 41.5743



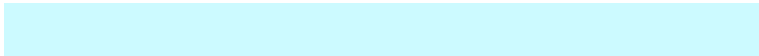
54.0118, 54.2953, 28.2863

Sweetspot

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



40.6348, 54.2973, 81.0128



77.0851, 88.3239, 107.5931



32.7064, 57.4063, 19.9013



16.0403, 18.5968, 22.9941



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.



40.6348, 54.2973, 81.0128



49.3498, 67.3902, 105.0143



26.2086, 25.4449, 76.2041



14.6761, 16.0736, 18.4733



20.7282, 28.5185, 46.7953



1.5680, 2.1799, 3.4701

Inverse Universe

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



46.3597, 26.6780, 64.9954



57.6317, 30.0871, 81.2479



47.0572, 44.8289, 13.5715



14.9288, 14.5887, 17.8257



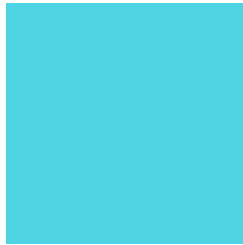
24.8561, 12.0767, 34.4670



1.8551, 0.8997, 2.6433

Previews

White Background



This preview shows how the XYZ color 40.6331, 54.2953, 81.0115 looks on a white background.

Color Contrast Check

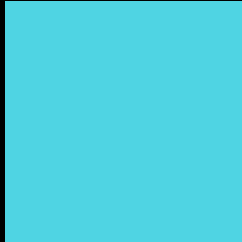
Large Text (above 18pt) WCAG AA × Fail

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 40.6331, 54.2953, 81.0115 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 40.6331, 54.2953, 81.0115

Background



This preview shows how black text looks on a background with the XYZ color 40.6331, 54.2953, 81.0115.

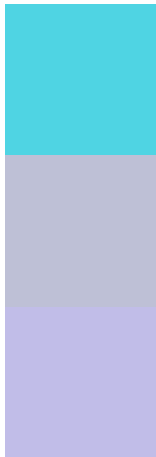


This preview shows how white text looks on a background with the XYZ color 40.6331, 54.2953,

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

40.6331, 54.2953, 81.0115

Protanopia

52.2224, 53.5015, 71.1927

Deuteranopia

54.7554, 53.5588, 83.7959



Tritanopia

40.9946, 54.4496, 82.4779

Trichromacy



Original Color

40.6331, 54.2953, 81.0115



Protanomaly

45.7873, 52.4454, 74.7276



Deuteranomaly

47.1981, 52.3211, 82.4743



Tritanomaly

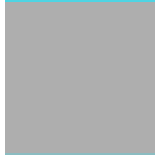
40.8553, 54.3939, 81.7446

Monochromacy



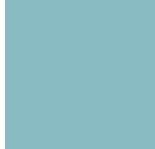
Original Color

40.6331, 54.2953, 81.0115



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

38.2563, 45.3057, 57.1806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6331, 54.2953, 81.0115 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(79, 212, 227)` looks like.

```
.text, #text, p{  
    color:rgb(79, 212, 227)  
}
```

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(79, 212, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 212, 227) }
```

Border

The CSS property to change the border of an element to XYZ 40.6331, 54.2953, 81.0115 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(79, 212, 227) }
```


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

```
.border{ border-color:rgb(79, 212, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 212, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 212, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 212, 227);  
box-shadow:4px 4px 4px 4px rgb(79, 212,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6331, 54.2953, 81.0115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 212, 227) }
```

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

```
.background{ background-color: rgb(79, 212,  
227) }
```

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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