

Converting Colors

XYZ(40.3768, 53.5194, 62.4947)

Have a look what the booklet for
XYZ(40.3768, 53.5194, 62.4947)
contains.

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Color

**XYZ(40.3117, 53.4375,
62.2226)**

Conversions

Conversions Part 1

Format	Color
Hex	74D1C7
RGB	116, 209, 199
RGB Percent	45%, 82%, 78%
CMY	0.5451, 0.1804, 0.2196
CMYK	0.44, 0.00, 0.05, 0.18
HSL	174°, 50%, 64%
HSV	174°, 44%, 82%
XYZ	40.3117, 53.4375, 62.2226
YIQ	180.0530, -52.2180, -22.8260

Conversions

Conversions Part 2

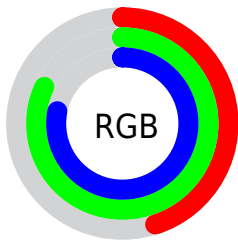
Format	Color
RYB	116, 165, 209
Decimal	7655879
CIELab	78.13, -30.08, -3.67
CIELCh	78, 30.302, 186.958
Yxy	53.4375, 0.2585, 0.3426
Android (android.graphics.Color)	4285845959 (0xFF74D1C7)
YUV	180.0530, 9.3409, -56.1745
Hunter-Lab	73.1010, -29.4924, 0.7038

Details

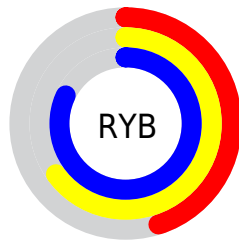
The XYZ color **40.3117, 53.4375, 62.2226** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.3076, 27.5539, 23.1454**, and the grayscale version is **43.3837, 45.6430, 49.7052**.

A 20% lighter version of the original color is **71.0436, 87.6242, 107.7765**, and **18.4114, 26.0551, 30.8468** is the 20% darker color. If you saturate the color by 10%, you get **37.5812, 52.0611, 60.7435**, and if you desaturate by 10%, it is **43.6741, 55.1418, 63.7538**.

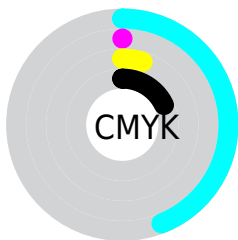
Distribution



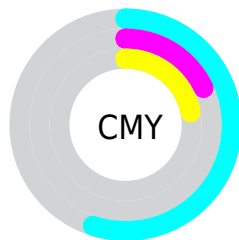
- Red (45%)
- Green (82%)
- Blue (78%)



- Red (45%)
- Yellow (65%)
- Blue (82%)



- Cyan (44%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)



- Cyan (55%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3117, 53.4375, 62.2226 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 40.3117, 53.4375, 62.2226 by changing the saturation by 10% instead.

■ 40.3117, 53.4375,
62.2226

■ 40.3117, 53.4375,
62.2226

338.5475,
399.9614, 450.7726

■ 27.9669, 38.1521,
44.7756

■ 74.9193, 95.2478,
109.6219

■ 18.4411, 26.1008,
30.9391

■ 97.9128, 122.5416,
140.4113

■ 11.3687, 16.8991,
20.2944

■ 125.1866,
154.6070, 176.4853

■ 6.3845, 10.1625,
12.4230

157.1060,
191.8283, 218.2624

■ 3.1231, 5.5069,
6.9064

194.0365,
234.5900, 266.1611

■ 1.2192, 2.5476,
3.3261

236.3433,

■ 0.1215, 0.9004,

283.2765, 320.6001

1.2635

284.3919,
338.2722, 381.9977

■ 0.0000, 0.0000,
0.0316

■ 0.0000, 0.0000,
0.0000

■ 40.3117, 53.4375,
62.2226

■ 40.3117, 53.4375,
62.2226

■ 37.5812, 52.0611,
60.7435

■ 43.6741, 55.1418,
63.7538

■ 35.4356, 50.9845,
59.3106

■ 47.7023, 57.1876,
65.3352

■ 33.8286, 50.1851,
57.9228


■ 52.4332, 59.5952,
66.9698


■ 32.7050, 49.6345,
56.5776

■ 57.8997, 62.3815,
68.6591


 31.9976, 49.2980,
55.2716

 64.1326, 65.5625,
70.4049

 31.7203, 49.1703,
54.5666

 71.1610, 69.1532,
72.2083

 76.2733, 71.7556,
73.9428

 76.5638, 71.8717,
75.4723

 76.8582, 71.9895,
77.0228

Harmonies

Analogous

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



41.0222, 53.4375, 46.3380



40.3117, 53.4375, 62.2226



42.2295, 53.4375, 80.0606

Triad

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



40.3117, 53.4375, 62.2226



57.9443, 53.4375, 88.3047



55.3761, 53.4375, 33.0517

Complementary

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



40.3117, 53.4375, 62.2226



36.3076, 27.5539, 23.1454

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.



60.4373, 53.4375, 40.7072



40.3117, 53.4375, 62.2226



61.9986, 53.4375, 71.8950

Square

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



40.3117, 53.4375, 62.2226



52.1819, 53.4375, 96.9003



62.9445, 53.4375, 54.3247



49.4246, 53.4375, 31.4593

Rectangle

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



40.3117, 53.4375, 62.2226



44.8353, 53.4375, 90.0028



62.9445, 53.4375, 54.3247



57.2515, 53.4375, 34.9176

Sweetspot

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



40.3133, 53.4396, 62.2238



83.3195, 94.0184, 105.3824



34.6845, 51.3646, 24.6103



17.4508, 19.9287, 22.4315



0.0000, 0.0000, 0.0000



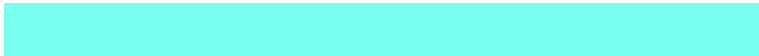
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.3133, 53.4396, 62.2238



59.2822, 81.8213, 95.4688



33.7234, 38.3398, 65.9470



12.1013, 13.3843, 14.8899



19.5792, 30.3246, 33.7596



1.1108, 1.7020, 1.9722

Inverse Universe

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



36.3076, 27.5539, 23.1454



52.2685, 36.3889, 26.9644



40.6202, 37.1610, 21.5559



11.8597, 11.8286, 12.5369



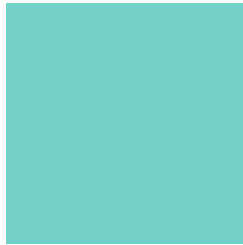
16.3224, 8.4018, 1.3380



0.9305, 0.4769, 0.1690

Previews

White Background



This preview shows how the XYZ color 40.3117, 53.4375, 62.2226 looks on a white background.

Color Contrast Check

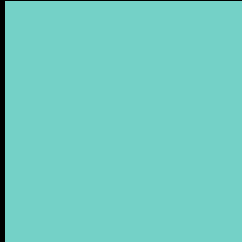
Large Text (above 18pt) WCAG AA × Fail

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 40.3117, 53.4375, 62.2226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

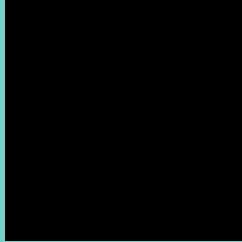
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3117, 53.4375, 62.2226

Background



This preview shows how black text looks on a background with the XYZ color 40.3117, 53.4375, 62.2226.

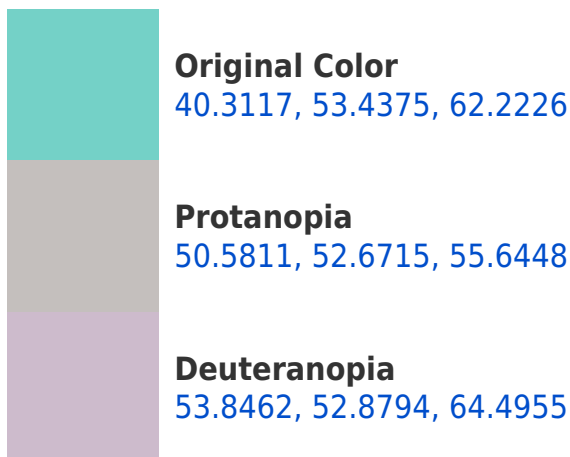


This preview shows how white text looks on a background with the XYZ color 40.3117, 53.4375,

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

43.4245, 53.6275, 77.1697

Trichromacy



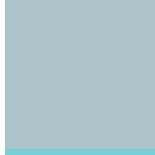
Original Color

40.3117, 53.4375, 62.2226



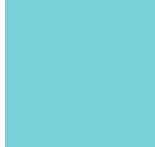
Protanomaly

45.7561, 52.4539, 58.1651



Deuteranomaly

47.4094, 52.1787, 63.4499



Tritanomaly

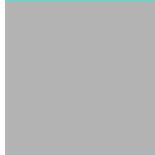
42.1962, 53.4738, 71.7158

Monochromacy



Original Color

40.3117, 53.4375, 62.2226



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

41.5051, 48.0176, 54.0945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3117, 53.4375, 62.2226 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(116, 209, 199)` looks like.

```
.text, #text, p{  
    color:rgb(116, 209, 199)  
}
```

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(116, 209, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 209, 199) }
```

Border

The CSS property to change the border of an element to XYZ 40.3117, 53.4375, 62.2226 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(116, 209, 199) }
```


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

```
.border{ border-color:rgb(116, 209, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 209, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 209, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 209, 199);  
box-shadow:4px 4px 4px 4px rgb(116, 209,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3117, 53.4375, 62.2226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 209, 199) }
```

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

```
.background{ background-color: rgb(116,  
209, 199) }
```

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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