

Converting Colors

XYZ(40.9595, 58.6342, 43.5213)

Have a look what the booklet for
XYZ(40.9595, 58.6342, 43.5213)
contains.

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Color

**XYZ(40.9822, 58.7572,
43.3637)**

Conversions

Conversions Part 1

Format	Color
Hex	7EDDA2
RGB	126, 221, 162
RGB Percent	49%, 87%, 64%
CMY	0.5059, 0.1333, 0.3647
CMYK	0.43, 0.00, 0.27, 0.13
HSL	143°, 58%, 68%
HSV	143°, 43%, 87%
XYZ	40.9822, 58.7572, 43.3637
YIQ	185.8690, -37.6810, -38.4890

Conversions

Conversions Part 2

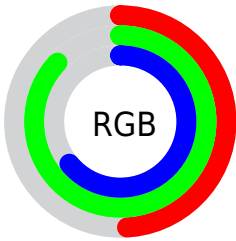
Format	Color
RYB	126, 195, 221
Decimal	8314274
CIELab	81.16, -41.05, 20.37
CIELCh	81, 45.823, 153.611
Yxy	58.7572, 0.2864, 0.4106
Android (android.graphics.Color)	4286504354 (0xFF7EDDA2)
YUV	185.8690, -11.7674, -52.5051
Hunter-Lab	76.6532, -38.7092, 20.1162

Details

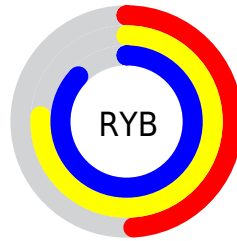
The XYZ color **40.9822, 58.7572, 43.3637** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **46.0385, 33.7979, 49.9982**, and the grayscale version is **46.6789, 49.1099, 53.4806**.

A 20% lighter version of the original color is **67.5758, 86.4748, 78.7753**, and **18.7954, 29.3381, 19.4241** is the 20% darker color. If you saturate the color by 10%, you get **36.9222, 56.7992, 37.1491**, and if you desaturate by 10%, it is **45.8983, 61.1444, 50.3161**.

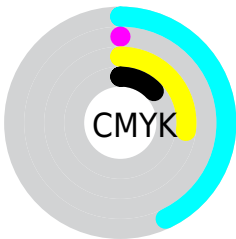
Distribution



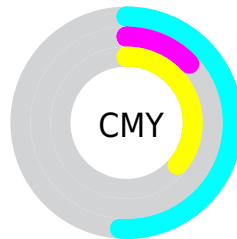
- Red (49%)
- Green (87%)
- Blue (64%)



- Red (49%)
- Yellow (76%)
- Blue (87%)



- Cyan (43%)
- Magenta (0%)
- Yellow (27%)
- Black (13%)





- Cyan (51%)
- Magenta (13%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9822, 58.7572, 43.3637 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 40.9822, 58.7572, 43.3637 by changing the saturation by 10% instead.


 40.9822, 58.7572,
43.3637


 40.9822, 58.7572,
43.3637

341.3101,
420.0015, 376.0704


 28.4928, 42.4177,
29.8371


 75.9317, 103.0247,
81.5516

 18.8398, 29.4285,
19.4640


 99.1226, 131.7215,
107.0500

 11.6579, 19.4052,
11.8258


 126.6113,
165.3061, 137.3761

 6.5817, 11.9634,
6.5041

158.7632,
204.1631, 172.9484

 3.2459, 6.7188,
3.0802

195.9437,
248.6767, 214.1854

 1.2851, 3.2869,
1.1358

238.5181,

 0.1720, 1.2833,

299.2314, 261.5057

0.0000

286.8518,
356.2115, 315.3279

■ 0.0000, 0.1282,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 40.9822, 58.7572,
43.3637

■ 40.9822, 58.7572,
43.3637

■ 36.9222, 56.7992,
37.1491

■ 45.8983, 61.1444,
50.3161

■ 33.6615, 55.2367,
31.6438


■ 51.7135, 63.9776,
58.0258


■ 31.1435, 54.0427,
26.8228


■ 58.4734, 67.2815,
66.5166


■ 29.3013, 53.1833,
22.6584


■ 66.2190, 71.0769,
75.8097

 28.0552, 52.6179,
19.1206

 74.9887, 75.3830,
85.9259

 27.4480, 52.3513,
16.9940

 83.4808, 79.5285,
96.8222

 85.1476, 80.1952,
105.5992

Harmonies

Analogous

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



46.3015, 58.7572, 29.4570



40.9822, 58.7572, 43.3637



39.4765, 58.7572, 67.3405

Triad

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



40.9822, 58.7572, 43.3637



57.0095, 58.7572, 131.9802



72.5476, 58.7572, 39.0928

Complementary

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



40.9822, 58.7572, 43.3637



46.0385, 33.7979, 49.9982

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.



76.2132, 58.7572, 60.7266



40.9822, 58.7572, 43.3637



66.6217, 58.7572, 118.4180

Square

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



40.9822, 58.7572, 43.3637



48.0889, 58.7572, 123.4731



73.9309, 58.7572, 90.2637



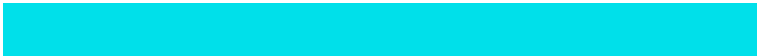
64.3975, 58.7572, 27.5290

Rectangle

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



40.9822, 58.7572, 43.3637



40.6774, 58.7572, 87.3928



73.9309, 58.7572, 90.2637



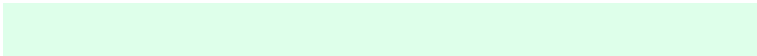
74.3847, 58.7572, 45.1682

Sweetspot

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



40.9838, 58.7596, 43.3650



80.7488, 92.9901, 91.8455



49.9146, 63.6820, 29.4002



16.8143, 19.6741, 19.0798



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.



40.9838, 58.7596, 43.3650



51.3516, 78.6903, 51.8389



45.8887, 60.7216, 69.1941



13.0896, 14.6875, 14.9350



15.9952, 30.4307, 10.1400



1.0774, 1.9879, 0.8735

Inverse Universe

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



46.0385, 33.7979, 49.9982



59.2383, 39.6733, 62.1365



41.9172, 32.1493, 28.2955



13.3943, 13.1868, 15.3377



20.0126, 10.0061, 14.9780



1.3379, 0.6648, 1.1885

Previews

White Background



This preview shows how the XYZ color 40.9822, 58.7572, 43.3637 looks on a white background.

Color Contrast Check

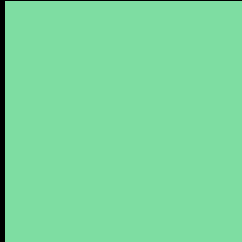
Large Text (above 18pt) WCAG AA × Fail

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 40.9822, 58.7572, 43.3637 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

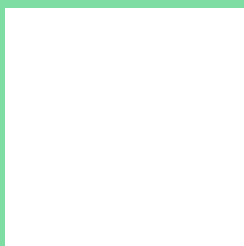
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.9822, 58.7572, 43.3637

Background



This preview shows how black text looks on a background with the XYZ color 40.9822, 58.7572, 43.3637.

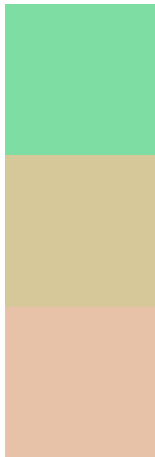


This preview shows how white text looks on a background with the XYZ color 40.9822, 58.7572,

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

40.9822, 58.7572, 43.3637

Protanopia

54.0533, 57.8717, 38.0272

Deuteranopia

59.0928, 57.9560, 45.1179



Tritanopia

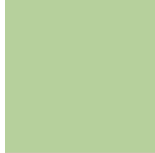
48.8417, 58.4949, 82.8452

Trichromacy



Original Color

40.9822, 58.7572, 43.3637



Protanomaly

47.8480, 57.4571, 40.0210



Deuteranomaly

50.2312, 56.8025, 44.3929



Tritanomaly

45.4732, 58.2429, 66.6029

Monochromacy



Original Color

40.9822, 58.7572, 43.3637



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

43.6691, 51.9137, 49.3137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9822, 58.7572, 43.3637 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(126, 221, 162)` looks like.

```
.text, #text, p{  
    color:rgb(126, 221, 162)  
}
```

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(126, 221, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 221, 162) }
```

Border

The CSS property to change the border of an element to XYZ 40.9822, 58.7572, 43.3637 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(126, 221, 162) }
```


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

```
.border{ border-color:rgb(126, 221, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 221, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 221, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 221, 162);  
box-shadow:4px 4px 4px 4px rgb(126, 221,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9822, 58.7572, 43.3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 221, 162) }
```

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

```
.background{ background-color: rgb(126,  
221, 162) }
```

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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