

Converting Colors

XYZ(40.8869, 49.8574, 41.1847)

Have a look what the booklet for
XYZ(40.8869, 49.8574, 41.1847)
contains.

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Color

**XYZ(40.8965, 49.9793,
41.2097)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C5A1
RGB	160, 197, 161
RGB Percent	63%, 77%, 63%
CMY	0.3725, 0.2274, 0.3686
CMYK	0.19, 0.00, 0.18, 0.23
HSL	122°, 24%, 70%
HSV	122°, 19%, 77%
XYZ	40.8965, 49.9793, 41.2097
YIQ	181.8330, -10.4960, -19.0400

Conversions

Conversions Part 2

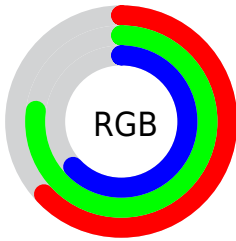
Format	Color
RYB	160, 196, 197
Decimal	10536353
CIELab	76.06, -19.32, 14.05
CIELCh	76, 23.890, 143.980
Yxy	49.9793, 0.3096, 0.3784
Android (android.graphics.Color)	4288726433 (0xFFA0C5A1)
YUV	181.8330, -10.2707, -19.1475
Hunter-Lab	70.6960, -20.4587, 14.9263

Details

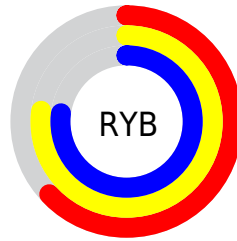
The XYZ color **40.8965, 49.9793, 41.2097** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.5623, 40.9986, 57.7390**, and the grayscale version is **44.4319, 46.7458, 50.9062**.

A 20% lighter version of the original color is **75.8608, 90.2886, 78.3949**, and **18.7671, 23.9372, 18.0992** is the 20% darker color. If you saturate the color by 10%, you get **35.7032, 47.4841, 32.8094**, and if you desaturate by 10%, it is **46.9757, 52.9042, 51.0062**.

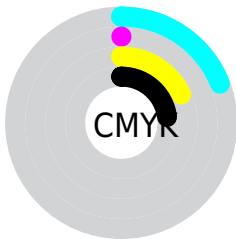
Distribution



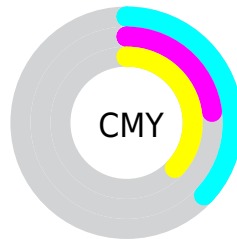
- Red (63%)
- Green (77%)
- Blue (63%)



- Red (63%)
- Yellow (77%)
- Blue (77%)



- Cyan (19%)
- Magenta (0%)
- Yellow (18%)
- Black (23%)





- Cyan (37%)
- Magenta (23%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8965, 49.9793, 41.2097 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 40.8965, 49.9793, 41.2097 by changing the saturation by 10% instead.


 40.8965, 49.9793,
41.2097


 40.8965, 49.9793,
41.2097


340.9578,
386.5850, 366.8989

 28.4255, 35.3970,
28.1620

 75.8025, 90.1442,
78.2592

 18.7888, 23.9688,
18.2077


 98.9681, 116.4956,
103.0982

 11.6208, 15.3105,
10.9283


126.4295,
147.5387, 132.7047

 6.5564, 9.0376,
5.9050

158.5518,
183.6580, 167.4973

 3.2301, 4.7657,
2.7196

195.7004,
225.2379, 207.8944

 1.2766, 2.1105,
0.9533

238.2407,

 0.1656, 0.6705,

272.6628, 254.3147

0.0000

286.5381,
326.3170, 307.1767

■ 0.0000, 0.0000,
0.0000

■ 40.8965, 49.9793,
41.2097

■ 40.8965, 49.9793,
41.2097

■ 35.7032, 47.4841,
32.8094

■ 46.9757, 52.9042,
51.0062

■ 31.3508, 45.3923,
25.7387

■ 53.9753, 56.2708,
62.2549

■ 27.7961, 43.6847,
19.9304

■ 61.9326, 60.0989,
75.0128

■ 24.9909, 42.3379,
15.3104

■ 70.8819, 64.4047,
89.3327

■ 22.8814, 41.3260,
11.7965

■ 79.2572, 68.4144,
103.6357

■ 21.4069, 40.6197,
9.2963

■ 20.4961, 40.1845,
7.7026

■ 20.0392, 39.9667,
6.8781

■ 19.9964, 39.9461,
6.8094

Harmonies

Analogous

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



44.1013, 49.9793, 34.9131



40.8965, 49.9793, 41.2097



39.4716, 49.9793, 51.8823

Triad

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



40.8965, 49.9793, 41.2097



46.6097, 49.9793, 82.6971



55.7826, 49.9793, 45.0305

Complementary

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



40.8965, 49.9793, 41.2097



45.5623, 40.9986, 57.7390

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.



56.5578, 49.9793, 57.0369



40.8965, 49.9793, 41.2097



51.0770, 49.9793, 80.1004

Square

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



40.8965, 49.9793, 41.2097



42.6346, 49.9793, 76.8118



54.7870, 49.9793, 70.1864



52.7303, 49.9793, 36.8654

Rectangle

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



40.8965, 49.9793, 41.2097



39.6547, 49.9793, 60.5739



54.7870, 49.9793, 70.1864



56.3258, 49.9793, 48.6957

Sweetspot

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



40.8978, 49.9814, 41.2108



87.3385, 96.2908, 96.5094



49.1784, 54.2604, 41.1396



18.5224, 20.5277, 20.3810



0.0000, 0.0000, 0.0000



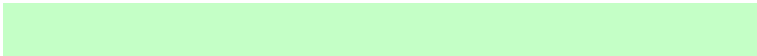
20.3446, 21.4041, 23.3091

Same Dimension

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



40.8978, 49.9814, 41.2108



68.8017, 87.3770, 66.6264



42.6135, 50.6677, 50.2451



10.5089, 11.8924, 11.3641



13.1569, 26.2751, 4.5049



0.6271, 1.2458, 0.2351

Inverse Universe

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



45.5623, 40.9986, 57.7390



78.8547, 68.0162, 102.2473



43.6225, 40.2227, 47.5241



11.0702, 10.8115, 13.3532



21.3849, 10.3035, 33.5661



1.0166, 0.4895, 1.6104

Previews

White Background



This preview shows how the XYZ color 40.8965, 49.9793, 41.2097 looks on a white background.

Color Contrast Check

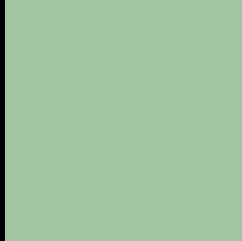
Large Text (above 18pt) WCAG AA × Fail

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 40.8965, 49.9793, 41.2097 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

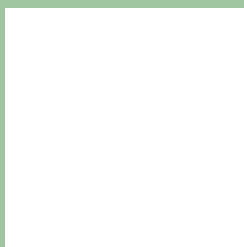
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.8965, 49.9793, 41.2097

Background



This preview shows how black text looks on a background with the XYZ color 40.8965, 49.9793, 41.2097.



This preview shows how white text looks on a background with the XYZ color 40.8965, 49.9793,

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

40.8965, 49.9793, 41.2097

Protanopia

46.7970, 49.8113, 38.6006

Deuteranopia

50.4627, 49.4690, 42.0108



Tritanopia

45.9198, 50.0427, 65.6315

Trichromacy



Original Color

40.8965, 49.9793, 41.2097

Protanomaly

44.5695, 49.9206, 39.6343

Deuteranomaly

46.4179, 49.2315, 41.7065

Tritanomaly

43.8813, 49.8570, 56.0258

Monochromacy



Original Color

40.8965, 49.9793, 41.2097

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

42.8659, 47.5953, 46.9719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8965, 49.9793, 41.2097 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(160, 197, 161)` looks like.

```
.text, #text, p{  
    color:rgb(160, 197, 161)  
}
```

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(160, 197, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 197, 161) }
```

Border

The CSS property to change the border of an element to XYZ 40.8965, 49.9793, 41.2097 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(160, 197, 161) }
```


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

```
.border{ border-color:rgb(160, 197, 161) }
```

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

Here you see how a box with a 4 pixel rgb(160, 197, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 197, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 197, 161);  
box-shadow:4px 4px 4px 4px rgb(160, 197,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8965, 49.9793, 41.2097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 197, 161) }
```

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

```
.background{ background-color: rgb(160,  
197, 161) }
```

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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