

Converting Colors

XYZ(40.2610, 50.6510, 41.2970)

Have a look what the booklet for
XYZ(40.2610, 50.6510, 41.2970)
contains.

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Color

**XYZ(40.2242, 50.6541,
41.3754)**

Conversions

Conversions Part 1

Format	Color
Hex	99C8A1
RGB	153, 200, 161
RGB Percent	60%, 78%, 63%
CMY	0.4000, 0.2157, 0.3686
CMYK	0.24, 0.00, 0.20, 0.22
HSL	130°, 30%, 69%
HSV	130°, 24%, 78%
XYZ	40.2242, 50.6541, 41.3754
YIQ	181.5010, -15.4930, -22.0930

Conversions

Conversions Part 2

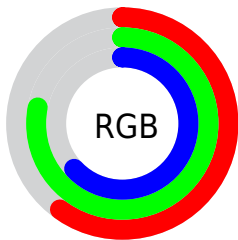
Format	Color
RYB	153, 193, 200
Decimal	10078369
CIELab	76.47, -23.18, 14.57
CIElCh	76, 27.377, 147.855
Yxy	50.6541, 0.3041, 0.3830
Android (android.graphics.Color)	4288268449 (0xFF99C8A1)
YUV	181.5010, -10.1070, -24.9954
Hunter-Lab	71.1717, -23.6674, 15.3522

Details

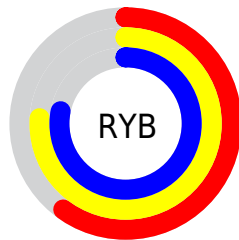
The XYZ color **40.2242, 50.6541, 41.3754** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.7269, 38.8688, 55.0165**, and the grayscale version is **44.2525, 46.5571, 50.7007**.

A 20% lighter version of the original color is **74.1671, 89.8878, 78.4068**, and **18.4060, 24.4286, 18.2131** is the 20% darker color. If you saturate the color by 10%, you get **35.3934, 48.3232, 34.0103**, and if you desaturate by 10%, it is **45.8848, 53.3932, 49.7956**.

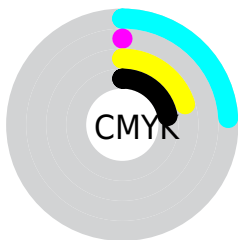
Distribution



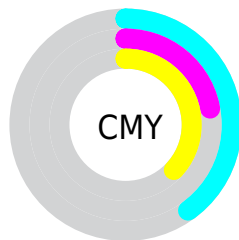
- Red (60%)
- Green (78%)
- Blue (63%)



- Red (60%)
- Yellow (76%)
- Blue (78%)



- Cyan (24%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)



- Cyan (40%)
- Magenta (22%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2242, 50.6541, 41.3754 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 40.2242, 50.6541, 41.3754 by changing the saturation by 10% instead.

■ 40.2242, 50.6541,
41.3754

■ 40.2242, 50.6541,
41.3754

338.1859,
389.2184, 367.6102

■ 27.8984, 35.9334,
28.2906

■ 74.7870, 91.1433,
78.5133

■ 18.3891, 24.3828,
18.3039

■ 97.7546, 117.6805,
103.4035

■ 11.3311, 15.6178,
10.9967

125.0003,
148.9254, 133.0659

■ 6.3589, 9.2541,
5.9505

156.8893,
185.2624, 167.9191

■ 3.1073, 4.9073,
2.7467

193.7870,
227.0757, 208.3815

■ 1.2107, 2.1930,
0.9668

236.0587,

■ 0.1148, 0.7162,

274.7499, 254.8718

0.0000

284.0699,
328.6694, 307.8085

■ 0.0000, 0.0000,
0.0000

■ 40.2242, 50.6541,
41.3754

■ 40.2242, 50.6541,
41.3754

■ 35.3934, 48.3232,
34.0103

■ 45.8848, 53.3932,
49.7956

■ 31.3491, 46.3748,
27.6553

■ 52.4076, 56.5520,
59.3067

■ 28.0505, 44.7901,
22.2675

■ 59.8282, 60.1497,
69.9469

■ 25.4511, 43.5463,
17.7993

■ 68.1791, 64.2021,
81.7517

■ 23.4993, 42.6178,
14.1992

■ 77.4910, 68.7244,
94.7549

■ 22.1362, 41.9754,
11.4105

■ 79.9453, 69.7905,
103.8651

■ 21.2916, 41.5842,
9.3697

■ 20.9446, 41.4263,
8.4088

Harmonies

Analogous

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



43.6570, 50.6541, 33.6539



40.2242, 50.6541, 41.3754



38.8962, 50.6541, 54.0970

Triad

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



40.2242, 50.6541, 41.3754



47.7748, 50.6541, 88.6974



57.4601, 50.6541, 42.9150

Complementary

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



40.2242, 50.6541, 41.3754



44.7269, 38.8688, 55.0165

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.



58.7552, 50.6541, 56.2241



40.2242, 50.6541, 41.3754



52.9309, 50.6541, 84.2813

Square

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



40.2242, 50.6541, 41.3754



43.0572, 50.6541, 82.8781



57.0433, 50.6541, 71.6944



53.6190, 50.6541, 34.4248

Rectangle

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



40.2242, 50.6541, 41.3754



39.3060, 50.6541, 64.3319



57.0433, 50.6541, 71.6944



58.2191, 50.6541, 46.8928

Sweetspot

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



40.2256, 50.6562, 41.3765



86.4913, 95.8528, 96.5276



48.1866, 54.8392, 38.1829



18.3626, 20.4437, 20.4424



0.0000, 0.0000, 0.0000



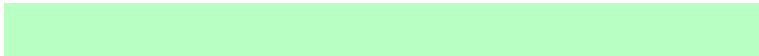
20.3446, 21.4041, 23.3091

Same Dimension

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



40.2256, 50.6562, 41.3765



65.3672, 85.6353, 65.1613



42.4795, 51.5578, 53.2454



10.5699, 11.9169, 11.6854



13.3397, 26.3483, 5.4674



0.6551, 1.2570, 0.3826

Inverse Universe

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



44.7269, 38.8688, 55.0165



74.4521, 61.8368, 92.6846



42.3424, 37.9150, 42.4600



11.0026, 10.7844, 12.9970



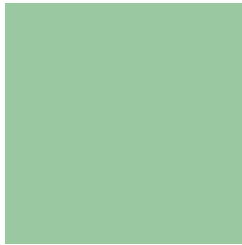
19.5482, 9.5688, 23.8943



0.9467, 0.4615, 1.2424

Previews

White Background



This preview shows how the XYZ color 40.2242, 50.6541, 41.3754 looks on a white background.

Color Contrast Check

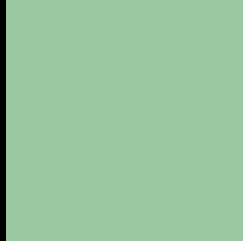
Large Text (above 18pt) WCAG AA × Fail

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 40.2242, 50.6541, 41.3754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

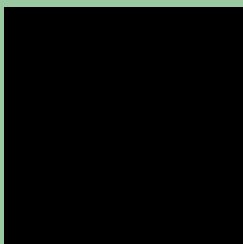
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

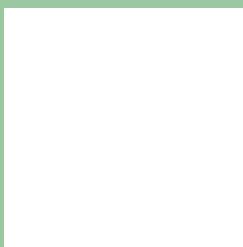
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.2242, 50.6541, 41.3754

Background



This preview shows how black text looks on a background with the XYZ color 40.2242, 50.6541, 41.3754.



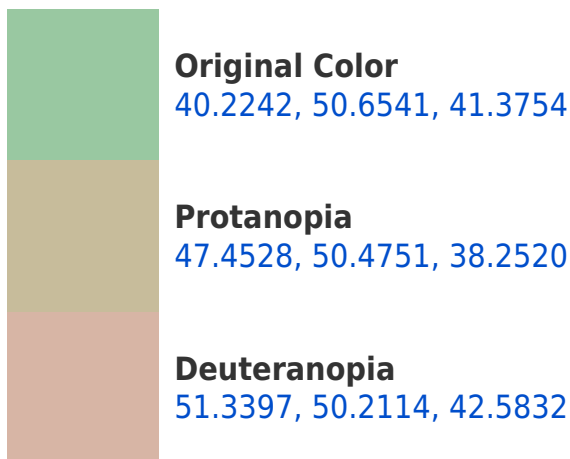
This preview shows how white text looks on a background with the XYZ color 40.2242, 50.6541,

41.3754.

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

45.4789, 50.4248, 67.6576

Trichromacy



Original Color

40.2242, 50.6541, 41.3754

Protanomaly

44.2268, 50.0787, 39.2334

Deuteranomaly

46.4223, 49.8532, 42.2979

Tritanomaly

43.5524, 50.6566, 57.3514

Monochromacy



Original Color

40.2242, 50.6541, 41.3754

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

42.6322, 48.1091, 47.0834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2242, 50.6541, 41.3754 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(153, 200, 161)` looks like.

```
.text, #text, p{  
    color:rgb(153, 200, 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(153, 200, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 200, 161) }
```

Border

The CSS property to change the border of an element to XYZ 40.2242, 50.6541, 41.3754 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(153, 200, 161) }
```


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

```
.border{ border-color:rgb(153, 200, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 200, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 200, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 200, 161);  
box-shadow:4px 4px 4px 4px rgb(153, 200,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2242, 50.6541, 41.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 200, 161) }
```

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

```
.background{ background-color: rgb(153,  
200, 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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