

Converting Colors

XYZ(40.9355, 51.8241, 34.2618)

Have a look what the booklet for
XYZ(40.9355, 51.8241, 34.2618)
contains.

XYZ(41.0549, 51.9361, 34.2464)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.0549, 51.9361,
34.2464)**

Conversions

Conversions Part 1

Format	Color
Hex	A2CA90
RGB	162, 202, 144
RGB Percent	64%, 79%, 56%
CMY	0.3647, 0.2078, 0.4353
CMYK	0.20, 0.00, 0.29, 0.21
HSL	101°, 35%, 68%
HSV	101°, 29%, 79%
XYZ	41.0549, 51.9361, 34.2464
YIQ	183.4280, -5.2220, -26.5180

Conversions

Conversions Part 2

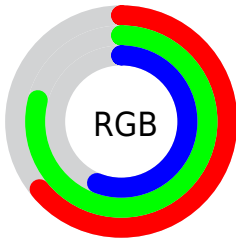
Format	Color
RYB	144, 202, 184
Decimal	10668688
CIELab	77.24, -23.95, 24.75
CIELCh	77, 34.439, 134.057
Yxy	51.9361, 0.3227, 0.4082
Android (android.graphics.Color)	4288858768 (0xFFA2CA90)
YUV	183.4280, -19.4380, -18.7924
Hunter-Lab	72.0667, -24.4290, 22.2718

Details

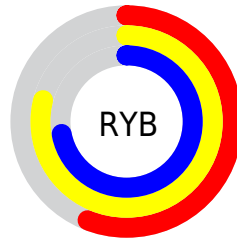
The XYZ color **41.0549, 51.9361, 34.2464** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.4033, 34.4026, 60.3908**, and the grayscale version is **45.3516, 47.7134, 51.9599**.

A 20% lighter version of the original color is **74.8665, 90.5026, 66.9490**, and **18.8724, 25.2213, 14.2295** is the 20% darker color. If you saturate the color by 10%, you get **36.9723, 49.9957, 26.7045**, and if you desaturate by 10%, it is **45.7300, 54.1531, 43.2602**.

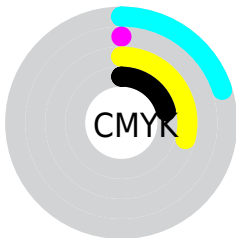
Distribution



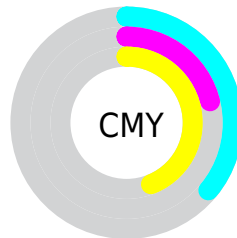
- Red (64%)
- Green (79%)
- Blue (56%)



- Red (56%)
- Yellow (79%)
- Blue (72%)



- Cyan (20%)
- Magenta (0%)
- Yellow (29%)
- Black (21%)



- Cyan (36%)
- Magenta (21%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0549, 51.9361, 34.2464 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 41.0549, 51.9361, 34.2464 by changing the saturation by 10% instead.

■ 41.0549, 51.9361,
34.2464

■ 41.0549, 51.9361,
34.2464

341.6087,
394.1899, 336.0320

■ 28.5498, 36.9541,
22.8041

■ 76.0414, 93.0370,
67.4549

■ 18.8831, 25.1720,
14.2450

■ 99.2536, 119.9247,
90.0582

■ 11.6894, 16.2052,
8.1505

126.7655,
151.5498, 117.2189

■ 6.6032, 9.6695,
4.1023

158.9425,
188.2967, 149.3555

■ 3.2593, 5.1804,
1.6816

196.1500,
230.5498, 186.8865

■ 1.2923, 2.3535,
0.3481

238.7532,

■ 0.1775, 0.8018,

278.6934, 230.2306

0.0000

287.1177,
333.1119, 279.8062

0.0000, 0.0000,
0.0000

41.0549, 51.9361,
34.2464

41.0549, 51.9361,
34.2464

36.9723, 49.9957,
26.7045

45.7300, 54.1531,
43.2602

33.4534, 48.3142,
20.5531

51.0171, 56.6506,
53.8149

30.4726, 46.8817,
15.7079

56.9394, 59.4405,
65.9790

28.0007, 45.6852,
12.0743

63.5179, 62.5324,
79.8161

26.0054, 44.7105,
9.5448

70.7724, 65.9351,
95.3862

■ 24.4497, 43.9413,
7.9930

■ 77.0350, 68.9825,
103.8625

■ 23.2813, 43.3549,
7.2159

■ 80.4116, 70.7232,
104.0205

■ 23.1514, 43.2896,
7.1355

Harmonies

Analogous

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



46.3452, 51.9361, 28.1138



41.0549, 51.9361, 34.2464



38.1397, 51.9361, 47.1427

Triad

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



41.0549, 51.9361, 34.2464



45.9594, 51.9361, 99.1867



62.7251, 51.9361, 48.1738

Complementary

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



41.0549, 51.9361, 34.2464



40.4033, 34.4026, 60.3908

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.



62.5984, 51.9361, 67.1313



41.0549, 51.9361, 34.2464



52.5105, 51.9361, 99.6377

Square

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



41.0549, 51.9361, 34.2464



40.7942, 51.9361, 85.7728



58.7241, 51.9361, 86.8945



59.0564, 51.9361, 34.8555

Rectangle

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



41.0549, 51.9361, 34.2464



37.7568, 51.9361, 59.1599



58.7241, 51.9361, 86.8945



63.1345, 51.9361, 54.0172

Sweetspot

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



41.0562, 51.9383, 34.2475



85.9872, 95.7297, 90.3268



46.4577, 48.7012, 33.3380



18.1093, 20.3507, 18.7370



0.0000, 0.0000, 0.0000



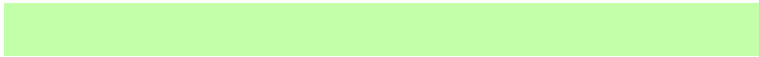
20.3446, 21.4041, 23.3091

Same Dimension

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



41.0562, 51.9383, 34.2475



65.4143, 85.9876, 50.3421



38.5094, 50.5270, 38.5732



11.3901, 12.7030, 11.9310



14.9780, 27.8968, 4.5952



0.8509, 1.4795, 0.2407

Inverse Universe

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



40.4033, 34.4026, 60.3908



64.1334, 51.8458, 101.2348



43.7767, 36.2822, 54.2003



11.3357, 11.2223, 14.1390



13.8406, 6.3426, 36.4510



0.7897, 0.3662, 1.8840

Previews

White Background



This preview shows how the XYZ color 41.0549, 51.9361, 34.2464 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 41.0549, 51.9361, 34.2464 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

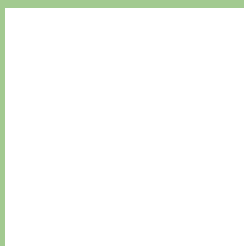
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.0549, 51.9361, 34.2464

Background



This preview shows how black text looks on a background with the XYZ color 41.0549, 51.9361, 34.2464.

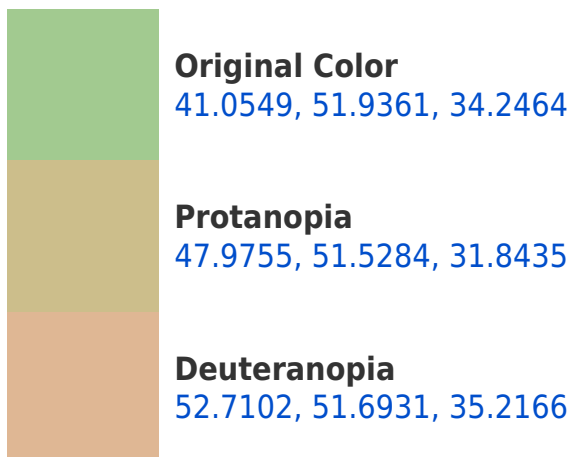


This preview shows how white text looks on a background with the XYZ color 41.0549, 51.9361,

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

47.8137, 51.9577, 67.8304

Trichromacy



Original Color

41.0549, 51.9361, 34.2464

Protanomaly

45.0858, 51.3255, 32.7298

Deuteranomaly

47.7673, 51.3510, 34.9979

Tritanomaly

44.8717, 51.7601, 53.5247

Monochromacy



Original Color

41.0549, 51.9361, 34.2464

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.2541, 48.8054, 44.6768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0549, 51.9361, 34.2464 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(162, 202, 144)` looks like.

```
.text, #text, p{  
    color:rgb(162, 202, 144)  
}
```

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(162, 202, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 202, 144) }
```

Border

The CSS property to change the border of an element to XYZ 41.0549, 51.9361, 34.2464 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(162, 202, 144) }
```


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

```
.border{ border-color:rgb(162, 202, 144) }
```

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

Here you see how a box with a 4 pixel rgb(162, 202, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 202, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 202, 144);  
box-shadow:4px 4px 4px 4px rgb(162, 202,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0549, 51.9361, 34.2464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 202, 144) }
```

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

```
.background{ background-color: rgb(162,  
202, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor