

Converting Colors

XYZ(41.4029, 55.6614, 35.3943)

Have a look what the booklet for
XYZ(41.4029, 55.6614, 35.3943)
contains.

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Color

**XYZ(41.4168, 55.7106,
35.3584)**

Conversions

Conversions Part 1

Format	Color
Hex	97D491
RGB	151, 212, 145
RGB Percent	59%, 83%, 57%
CMY	0.4078, 0.1686, 0.4314
CMYK	0.29, 0.00, 0.32, 0.17
HSL	115°, 44%, 70%
HSV	115°, 32%, 83%
XYZ	41.4168, 55.7106, 35.3584
YIQ	186.1230, -14.8490, -33.7690

Conversions

Conversions Part 2

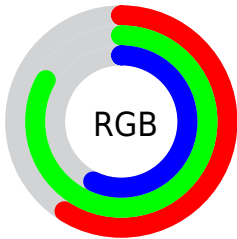
Format	Color
RYB	145, 212, 206
Decimal	9950353
CIELab	79.45, -32.35, 27.10
CIELCh	79, 42.199, 140.050
Yxy	55.7106, 0.3126, 0.4205
Android (android.graphics.Color)	4288140433 (0xFF97D491)
YUV	186.1230, -20.2736, -30.8029
Hunter-Lab	74.6395, -31.5712, 24.1607

Details

The XYZ color **41.4168, 55.7106, 35.3584** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.4651, 38.1278, 67.1480**, and the grayscale version is **46.8583, 49.2986, 53.6861**.

A 20% lighter version of the original color is **71.8009, 88.9089, 67.4097**, and **19.1144, 27.5188, 14.8939** is the 20% darker color. If you saturate the color by 10%, you get **36.6388, 53.4207, 27.3832**, and if you desaturate by 10%, it is **47.0893, 58.4297, 44.9701**.

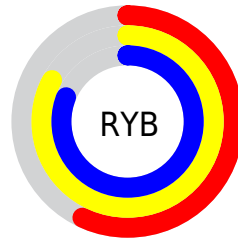
Distribution



Red (59%)

Green (83%)

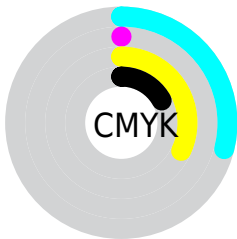
Blue (57%)



Red (57%)

Yellow (83%)

Blue (81%)

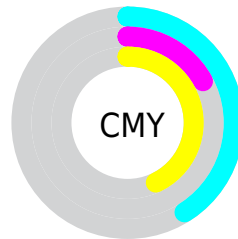


Cyan (29%)

Magenta (0%)

Yellow (32%)

Black (17%)



Cyan (41%)

Magenta (17%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4168, 55.7106, 35.3584 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 41.4168, 55.7106, 35.3584 by changing the saturation by 10% instead.

■ 41.4168, 55.7106,
35.3584

■ 41.4168, 55.7106,
35.3584

343.0925,
408.6000, 341.0997

■ 28.8340, 39.9709,
23.6533

■ 76.5869, 98.5813,
69.1985

■ 19.0989, 27.5159,
14.8668

■ 99.9050, 126.4812,
92.1706

■ 11.8462, 17.9610,
8.5804

127.5322,
159.2032, 119.7354

■ 6.7105, 10.9220,
4.3755

159.8338,
197.1318, 152.3115

■ 3.3264, 6.0144,
1.8335

197.1754,
240.6514, 190.3174

■ 1.3286, 2.8539,
0.4499

239.9221,

■ 0.2045, 1.0559,

290.1464, 234.1718

0.0000

288.4393,
346.0011, 284.2930

■ 0.0000, 0.0000,
0.0000

■ 41.4168, 55.7106,
35.3584

■ 41.4168, 55.7106,
35.3584

■ 36.6388, 53.4207,
27.3832

■ 47.0893, 58.4297,
44.9701

■ 32.7054, 51.5312,
20.9500

■ 53.6943, 61.5908,
56.2984

■ 29.5686, 50.0213,
15.9603

■ 61.2726, 65.2149,
69.4228

■ 27.1735, 48.8651,
12.3025

■ 69.8617, 69.3197,
84.4165

■ 25.4585, 48.0335,
9.8490

■ 79.4967, 73.9220,
101.3488

■ 24.3516, 47.4928,
8.4473

■ 82.8346, 75.5692,
104.8282

■ 23.8128, 47.2274,
7.8607

Harmonies

Analogous

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



47.5592, 55.7106, 26.5350



41.4168, 55.7106, 35.3584



38.4693, 55.7106, 52.9483

Triad

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



41.4168, 55.7106, 35.3584



50.1855, 55.7106, 119.2077



69.7797, 55.7106, 46.0263

Complementary

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



41.4168, 55.7106, 35.3584



47.4651, 38.1278, 67.1480

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.



70.6759, 55.7106, 69.0850



41.4168, 55.7106, 35.3584



58.7361, 55.7106, 115.9028

Square

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



41.4168, 55.7106, 35.3584



43.1627, 55.7106, 103.9253



66.4501, 55.7106, 95.8279



64.1180, 55.7106, 31.4578

Rectangle

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



41.4168, 55.7106, 35.3584



38.4733, 55.7106, 69.1724



66.4501, 55.7106, 95.8279



70.6699, 55.7106, 52.8751

Sweetspot

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



41.4182, 55.7130, 35.3596



84.2987, 94.8592, 90.2478



54.1678, 59.8504, 35.4863



17.6964, 20.1378, 18.7176



0.0000, 0.0000, 0.0000



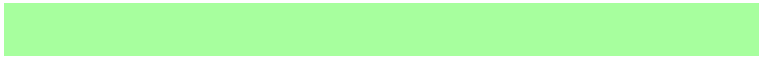
20.3446, 21.4041, 23.3091

Same Dimension

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



41.4182, 55.7130, 35.3596



57.8291, 82.1831, 45.2079



42.6495, 56.0801, 47.5073



12.3645, 13.9486, 13.2014



14.7365, 29.1732, 4.8543



0.9252, 1.7784, 0.2945

Inverse Universe

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



47.4651, 38.1278, 67.1480



68.4139, 51.3594, 100.9153



46.0568, 37.7605, 50.8727



12.8383, 12.5736, 15.6878



20.9605, 9.9581, 39.2705



1.2971, 0.6175, 2.3701

Previews

White Background



This preview shows how the XYZ color 41.4168, 55.7106, 35.3584 looks on a white background.

Color Contrast Check

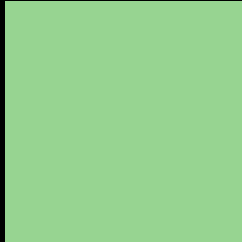
Large Text (above 18pt) WCAG AA × Fail

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 41.4168, 55.7106, 35.3584 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 41.4168, 55.7106, 35.3584

Background



This preview shows how black text looks on a background with the XYZ color 41.4168, 55.7106, 35.3584.



This preview shows how white text looks on a background with the XYZ color 41.4168, 55.7106,

35.3584.

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

41.4168, 55.7106, 35.3584

Protanopia

51.4788, 55.3119, 32.0078

Deuteranopia

56.1214, 54.9914, 36.5107



Tritanopia

49.4520, 55.7189, 75.1663

Trichromacy



Original Color

41.4168, 55.7106, 35.3584

Protanomaly

47.1635, 55.1113, 33.3511

Deuteranomaly

49.3989, 54.4881, 35.9306

Tritanomaly

45.8838, 55.3193, 58.1285

Monochromacy



Original Color

41.4168, 55.7106, 35.3584

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

44.0994, 50.8547, 46.0197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4168, 55.7106, 35.3584 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(151, 212, 145)` looks like.

```
.text, #text, p{  
    color:rgb(151, 212, 145)  
}
```

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(151, 212, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 212, 145) }
```

Border

The CSS property to change the border of an element to XYZ 41.4168, 55.7106, 35.3584 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(151, 212, 145) }
```


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

```
.border{ border-color:rgb(151, 212, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 212, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 212, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 212, 145);  
box-shadow:4px 4px 4px 4px rgb(151, 212,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4168, 55.7106, 35.3584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 212, 145) }
```

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

```
.background{ background-color: rgb(151,  
212, 145) }
```

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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