

Converting Colors

XYZ(40.6059, 54.4119, 36.1035)

Have a look what the booklet for
XYZ(40.6059, 54.4119, 36.1035)
contains.

XYZ(40.7075, 54.5893, 35.9950)	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(40.7075, 54.5893,
35.9950)**

Conversions

Conversions Part 1

Format	Color
Hex	95D293
RGB	149, 210, 147
RGB Percent	58%, 82%, 58%
CMY	0.4157, 0.1765, 0.4235
CMYK	0.29, 0.00, 0.30, 0.18
HSL	118°, 41%, 70%
HSV	118°, 30%, 82%
XYZ	40.7075, 54.5893, 35.9950
YIQ	184.5790, -16.1330, -32.5250

Conversions

Conversions Part 2

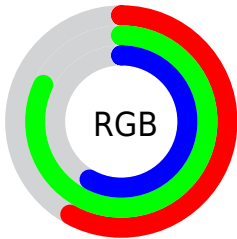
Format	Color
RYB	147, 210, 208
Decimal	9818771
CIELab	78.80, -31.75, 25.17
CIELCh	79, 40.512, 141.597
Yxy	54.5893, 0.3101, 0.4158
Android (android.graphics.Color)	4288008851 (0xFF95D293)
YUV	184.5790, -18.5264, -31.2028
Hunter-Lab	73.8846, -30.9515, 22.8344

Details

The XYZ color **40.7075, 54.5893, 35.9950** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.0812, 38.9320, 65.9560**, and the grayscale version is **45.9874, 48.3824, 52.6884**.

A 20% lighter version of the original color is **71.2045, 88.5744, 68.6020**, and **18.6565, 26.7740, 15.2509** is the 20% darker color. If you saturate the color by 10%, you get **35.8164, 52.2428, 27.9353**, and if you desaturate by 10%, it is **46.5500, 57.3947, 45.6718**.

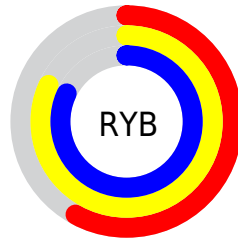
Distribution



Red (58%)

Green (82%)

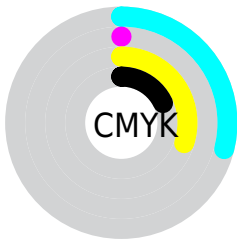
Blue (58%)



Red (58%)

Yellow (82%)

Blue (82%)

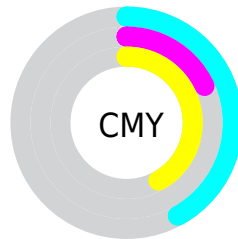


Cyan (29%)

Magenta (0%)

Yellow (30%)

Black (18%)



Cyan (42%)


Magenta (18%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.7075, 54.5893, 35.9950 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 40.7075, 54.5893, 35.9950 by changing the saturation by 10% instead.


 40.7075, 54.5893,
35.9950


 40.7075, 54.5893,
35.9950


340.1801,
404.3532, 343.9754

 28.2773, 39.0730,
24.1407


 75.5172, 96.9390,
70.1933

 18.6763, 26.8165,
15.2248


 98.6273, 124.5411,
93.3744

 11.5392, 17.4355,
8.8290

126.0282,
156.9406, 121.1681

 6.5007, 10.5455,
4.5345

158.0851,
194.5220, 153.9930

 3.1954, 5.7621,
1.9229

195.1634,
237.6695, 192.2676

 1.2579, 2.7010,
0.5073

237.6284,

 0.1514, 0.9777,

286.7676, 236.4106

0.0000

285.8455,
342.2007, 286.8403

■ 0.0000, 0.0000,
0.0000

■ 40.7075, 54.5893,
35.9950

■ 40.7075, 54.5893,
35.9950

■ 35.8164, 52.2428,
27.9353

■ 46.5500, 57.3947,
45.6718

■ 31.8225, 50.3243,
21.4012

■ 53.3859, 60.6741,
57.0432

■ 28.6723, 48.8101,
16.2977

■ 61.2602, 64.4507,
70.1863

■ 26.3055, 47.6711,
12.5177

■ 70.2134, 68.7439,
85.1722

■ 24.6532, 46.8747,
9.9388

■ 80.2843, 73.5720,
102.0682

■ 23.6349, 46.3824,
8.4165

■ 82.3376, 74.5753,
104.6625

■ 23.1311, 46.1383,
7.6865

Harmonies

Analogous

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



46.4102, 54.5893, 27.0884



40.7075, 54.5893, 35.9950



38.0678, 54.5893, 53.2114

Triad

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



40.7075, 54.5893, 35.9950



49.6630, 54.5893, 114.7548



67.5969, 54.5893, 44.6100

Complementary

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



40.7075, 54.5893, 35.9950



48.0812, 38.9320, 65.9560

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.



68.6976, 54.5893, 66.1334



40.7075, 54.5893, 35.9950



57.7754, 54.5893, 110.7276

Square

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



40.7075, 54.5893, 35.9950



42.8778, 54.5893, 101.2349



64.9426, 54.5893, 91.3353



62.0738, 54.5893, 31.0959

Rectangle

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



40.7075, 54.5893, 35.9950



38.1894, 54.5893, 68.7731



64.9426, 54.5893, 91.3353



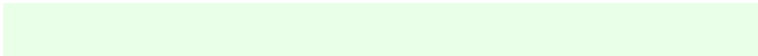
68.5176, 54.5893, 50.9892

Sweetspot

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



40.7089, 54.5916, 35.9962



83.8645, 94.6354, 90.2275



54.3787, 60.8739, 36.4883



17.5906, 20.0833, 18.7127



0.0000, 0.0000, 0.0000



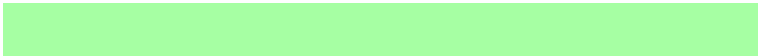
20.3446, 21.4041, 23.3091

Same Dimension

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



40.7089, 54.5916, 35.9962



58.1384, 82.2908, 47.5638



42.9570, 55.4491, 49.7223



11.6905, 13.2239, 12.5483



14.1249, 28.1506, 4.6892



0.8022, 1.5804, 0.2628

Inverse Universe

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



48.0812, 38.9320, 65.9560



71.3591, 54.1971, 101.3078



45.3134, 37.8902, 48.4282



12.2722, 11.9891, 14.9110



22.1918, 10.6206, 38.0728



1.2527, 0.6000, 2.1293

Previews

White Background



This preview shows how the XYZ color 40.7075, 54.5893, 35.9950 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 40.7075, 54.5893, 35.9950 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

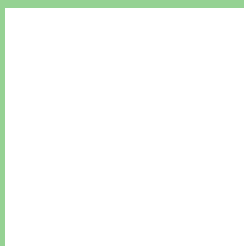
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.7075, 54.5893, 35.9950

Background



This preview shows how black text looks on a background with the XYZ color 40.7075, 54.5893, 35.9950.



This preview shows how white text looks on a background with the XYZ color 40.7075, 54.5893,

35.9950.

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

40.7075, 54.5893, 35.9950

Protanopia

50.3199, 54.0323, 32.5881

Deuteranopia

55.1164, 54.1385, 37.2506



Tritanopia

48.3113, 54.4644, 73.6120

Trichromacy



Original Color

40.7075, 54.5893, 35.9950

Protanomaly

46.1057, 53.8565, 33.9519

Deuteranomaly

48.5733, 53.3743, 36.5964

Tritanomaly

45.0119, 54.1596, 57.9506

Monochromacy



Original Color

40.7075, 54.5893, 35.9950

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

43.6557, 50.2945, 45.9350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7075, 54.5893, 35.9950 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(149, 210, 147)` looks like.

```
.text, #text, p{  
    color:rgb(149, 210, 147)  
}
```

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(149, 210, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 210, 147) }
```

Border

The CSS property to change the border of an element to XYZ 40.7075, 54.5893, 35.9950 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(149, 210, 147) }
```


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

```
.border{ border-color:rgb(149, 210, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 210, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 210, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 210, 147);  
box-shadow:4px 4px 4px 4px rgb(149, 210,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7075, 54.5893, 35.9950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 210, 147) }
```

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

```
.background{ background-color: rgb(149,  
210, 147) }
```

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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