

Converting Colors

XYZ(40.3945, 53.3277, 36.9995)

Have a look what the booklet for
XYZ(40.3945, 53.3277, 36.9995)
contains.

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Color

**XYZ(40.3955, 53.3117,
37.0153)**

Conversions

Conversions Part 1

Format	Color
Hex	96CF96
RGB	150, 207, 150
RGB Percent	59%, 81%, 59%
CMY	0.4118, 0.1882, 0.4118
CMYK	0.28, 0.00, 0.28, 0.19
HSL	120°, 37%, 70%
HSV	120°, 28%, 81%
XYZ	40.3955, 53.3117, 37.0153
YIQ	183.4590, -15.6750, -29.8110

Conversions

Conversions Part 2

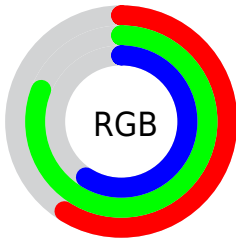
Format	Color
RYB	150, 207, 207
Decimal	9883542
CIELab	78.06, -29.50, 22.59
CIELCh	78, 37.153, 142.562
Yxy	53.3117, 0.3090, 0.4078
Android (android.graphics.Color)	4288073622 (0xFF96CF96)
YUV	183.4590, -16.4953, -29.3435
Hunter-Lab	73.0149, -29.0208, 21.0530

Details

The XYZ color **40.3955, 53.3117, 37.0153** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.9027, 39.5841, 64.1493**, and the grayscale version is **45.3570, 47.7191, 51.9661**.

A 20% lighter version of the original color is **71.8359, 88.8588, 70.4920**, and **18.4101, 25.8987, 15.8330** is the 20% darker color. If you saturate the color by 10%, you get **35.3954, 50.9115, 28.8356**, and if you desaturate by 10%, it is **46.3658, 56.1811, 46.7796**.

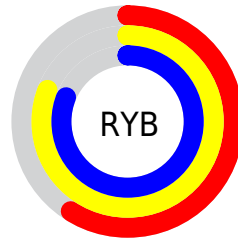
Distribution



Red (59%)

Green (81%)

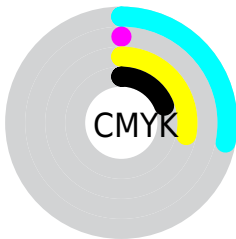
Blue (59%)



Red (59%)

Yellow (81%)

Blue (81%)

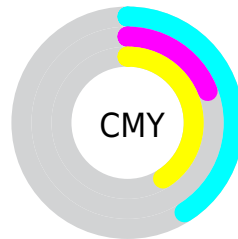


Cyan (28%)

Magenta (0%)

Yellow (28%)

Black (19%)



Cyan (41%)


Magenta (19%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3955, 53.3117, 37.0153 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 40.3955, 53.3117, 37.0153 by changing the saturation by 10% instead.


 40.3955, 53.3117,
37.0153


 40.3955, 53.3117,
37.0153


338.8936,
399.4798, 348.5474

 28.0326, 38.0517,
24.9235


 75.0459, 95.0629,
71.7829

 18.4908, 26.0228,
15.8015


 98.0642, 122.3228,
95.2958

 11.4048, 16.8407,
9.2310

125.3649,
154.3515, 123.4527

 6.4091, 10.1210,
4.7933

157.3135,
191.5333, 156.6722

 3.1384, 5.4792,
2.0699

194.2753,
234.2526, 195.3729

 1.2274, 2.5311,
0.5978

236.6157,

 0.1278, 0.8922,

282.8939, 239.9733

0.0000

284.7000,
337.8415, 290.8920

■ 0.0000, 0.0000,
0.0000

■ 40.3955, 53.3117,
37.0153

■ 40.3955, 53.3117,
37.0153

■ 35.3954, 50.9115,
28.8356

■ 46.3658, 56.1811,
46.7796

■ 31.3104, 48.9492,
22.1538

■ 53.3492, 59.5356,
58.2022

■ 28.0863, 47.4005,
16.8802

■ 61.3913, 63.3986,
71.3563

■ 25.6615, 46.2358,
12.9139

■ 70.5334, 67.7901,
86.3099

■ 23.9663, 45.4215,
10.1410

■ 80.8150, 72.7288,
103.1270

■ 22.9190, 44.9184,
8.4279

■ 81.6039, 73.1078,
104.4180

■ 22.4057, 44.6719,
7.5881

■ 22.3139, 44.6278,
7.4381

Harmonies

Analogous

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



45.5120, 53.3117, 28.4497



40.3955, 53.3117, 37.0153



38.0750, 53.3117, 53.0342

Triad

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



40.3955, 53.3117, 37.0153



48.8891, 53.3117, 107.2752



64.6549, 53.3117, 44.0462

Complementary

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



40.3955, 53.3117, 37.0153



47.9027, 39.5841, 64.1493

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.



65.7777, 53.3117, 63.3669



40.3955, 53.3117, 37.0153



56.2062, 53.3117, 103.2344

Square

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



40.3955, 53.3117, 37.0153



42.6657, 53.3117, 95.8371



62.5565, 53.3117, 85.8350



59.6202, 53.3117, 31.7826

Rectangle

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



40.3955, 53.3117, 37.0153



38.2540, 53.3117, 67.1640



62.5565, 53.3117, 85.8350



65.5207, 53.3117, 49.7955

Sweetspot

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



40.3969, 53.3140, 37.0165



84.8267, 95.0892, 92.1781



53.5523, 60.0958, 37.6316



17.7717, 20.1682, 19.1006



0.0000, 0.0000, 0.0000



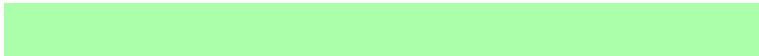
20.3446, 21.4041, 23.3091

Same Dimension

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



40.3969, 53.3140, 37.0165



59.8585, 83.0957, 51.3382



42.9782, 54.3465, 50.6093



11.6564, 13.2063, 12.5468



14.0581, 28.1162, 4.6861



0.7860, 1.5721, 0.2620

Inverse Universe

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



47.9027, 39.5841, 64.1493



73.8243, 57.5491, 101.8234



44.7263, 38.3136, 47.4225



12.3109, 12.0091, 14.9127



23.3079, 11.1960, 38.1234



1.3032, 0.6260, 2.1316

Previews

White Background



This preview shows how the XYZ color 40.3955, 53.3117, 37.0153 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 40.3955, 53.3117, 37.0153 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 40.3955, 53.3117, 37.0153

Background



This preview shows how black text looks on a background with the XYZ color 40.3955, 53.3117, 37.0153.

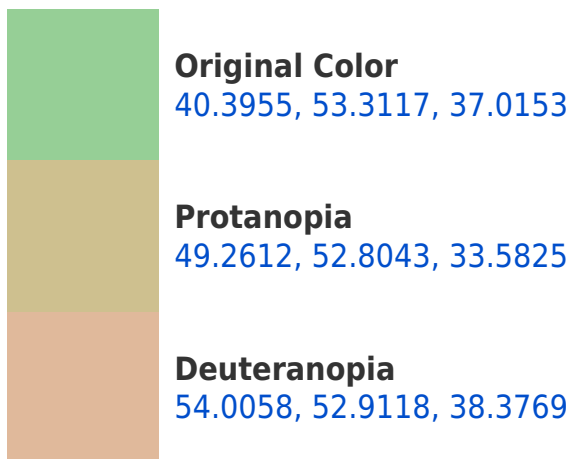


This preview shows how white text looks on a background with the XYZ color 40.3955, 53.3117,

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

47.5895, 53.4345, 72.0956

Trichromacy



Original Color

40.3955, 53.3117, 37.0153

Protanomaly

45.4043, 52.4469, 34.9243

Deuteranomaly

47.8457, 52.3102, 37.7121

Tritanomaly

44.6251, 53.2717, 57.2207

Monochromacy



Original Color

40.3955, 53.3117, 37.0153

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

42.9949, 49.2975, 45.7774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3955, 53.3117, 37.0153 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(150, 207, 150)` looks like.

```
.text, #text, p{  
    color:rgb(150, 207, 150)  
}
```

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(150, 207, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 207, 150) }
```

Border

The CSS property to change the border of an element to XYZ 40.3955, 53.3117, 37.0153 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(150, 207, 150) }
```


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

```
.border{ border-color:rgb(150, 207, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 207, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 207, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 207, 150);  
box-shadow:4px 4px 4px 4px rgb(150, 207,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3955, 53.3117, 37.0153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 207, 150) }
```

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

```
.background{ background-color: rgb(150,  
207, 150) }
```

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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