

Converting Colors

XYZ(40.2439, 53.7960, 34.1200)

Have a look what the booklet for
XYZ(40.2439, 53.7960, 34.1200)
contains.

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Color

**XYZ(40.0915, 53.5790,
34.2153)**

Conversions

Conversions Part 1

Format	Color
Hex	96D08F
RGB	150, 208, 143
RGB Percent	59%, 82%, 56%
CMY	0.4118, 0.1843, 0.4392
CMYK	0.28, 0.00, 0.31, 0.18
HSL	114°, 41%, 69%
HSV	114°, 31%, 82%
XYZ	40.0915, 53.5790, 34.2153
YIQ	183.2480, -13.7030, -32.5110

Conversions

Conversions Part 2

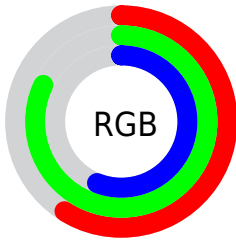
Format	Color
RYB	143, 208, 201
Decimal	9883791
CIELab	78.22, -31.12, 26.47
CIELCh	78, 40.855, 139.620
Yxy	53.5790, 0.3135, 0.4190
Android (android.graphics.Color)	4288073871 (0xFF96D08F)
YUV	183.2480, -19.8423, -29.1585
Hunter-Lab	73.1977, -30.3287, 23.5240

Details

The XYZ color **40.0915, 53.5790, 34.2153** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.2974, 36.6181, 64.3580**, and the grayscale version is **45.2580, 47.6149, 51.8527**.

A 20% lighter version of the original color is **71.0149, 88.5304, 66.1685**, and **18.2528, 26.0966, 14.2003** is the 20% darker color. If you saturate the color by 10%, you get **35.5107, 51.3846, 26.5245**, and if you desaturate by 10%, it is **45.5083, 56.1738, 43.4726**.

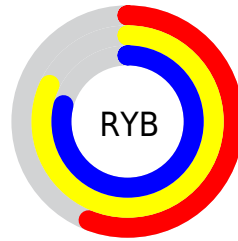
Distribution



Red (59%)

Green (82%)

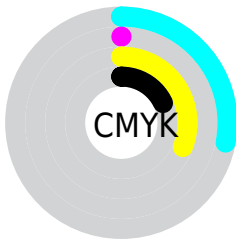
Blue (56%)



Red (56%)

Yellow (82%)

Blue (79%)

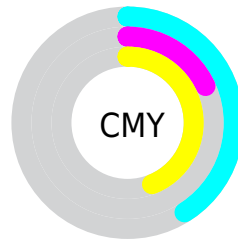


Cyan (28%)

Magenta (0%)

Yellow (31%)

Black (18%)



Cyan (41%)

Magenta (18%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0915, 53.5790, 34.2153 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 40.0915, 53.5790, 34.2153 by changing the saturation by 10% instead.

■ 40.0915, 53.5790,
34.2153

■ 40.0915, 53.5790,
34.2153

337.6369,
400.5026, 335.8894

■ 27.7944, 38.2652,
22.7803

■ 74.5863, 95.4558,
67.4061

■ 18.3104, 26.1886,
14.2276

■ 97.5147, 122.7876,
89.9989

■ 11.2741, 16.9648,
8.1386

124.7176,
154.8942, 117.1482

■ 6.3202, 10.2094,
4.0947

156.5603,
192.1599, 149.2724

■ 3.0832, 5.5380,
1.6775

193.4083,
234.9692, 186.7901

■ 1.1979, 2.5662,
0.3452

235.6268,

■ 0.1047, 0.9097,

283.7065, 230.1198

0.0000

283.5812,
338.7562, 279.6801

■ 0.0000, 0.0000,
0.0000

■ 40.0915, 53.5790,
34.2153

■ 40.0915, 53.5790,
34.2153

■ 35.5107, 51.3846,
26.5245

■ 45.5083, 56.1738,
43.4726

■ 31.7202, 49.5641,
20.3102

■ 51.7956, 59.1802,
54.3724

■ 28.6760, 48.0986,
15.4789

■ 58.9910, 62.6178,
66.9905

■ 26.3286, 46.9647,
11.9247

■ 67.1286, 66.5025,
81.3964

■ 24.6218, 46.1361,
9.5269

■ 76.2410, 70.8496,
97.6561

■ 23.4908, 45.5825,
8.1411

■ 81.8470, 73.5939,
104.4990

■ 22.8966, 45.2890,
7.5349

Harmonies

Analogous

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



45.9369, 53.5790, 25.9231



40.0915, 53.5790, 34.2153



37.2537, 53.5790, 50.7611

Triad

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



40.0915, 53.5790, 34.2153



48.2057, 53.5790, 113.2306



66.8179, 53.5790, 44.7715

Complementary

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



40.0915, 53.5790, 34.2153



45.2974, 36.6181, 64.3580

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.



67.5889, 53.5790, 66.6346



40.0915, 53.5790, 34.2153



56.2623, 53.5790, 110.3992

Square

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



40.0915, 53.5790, 34.2153



41.6027, 53.5790, 98.7039



63.5535, 53.5790, 91.7550



61.5458, 53.5790, 30.8213

Rectangle

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



40.0915, 53.5790, 34.2153



37.2249, 53.5790, 66.0075



63.5535, 53.5790, 91.7550



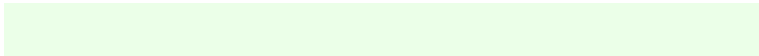
67.6317, 53.5790, 51.2876

Sweetspot

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



40.0929, 53.5813, 34.2165



84.4356, 94.9298, 90.2542



51.7236, 56.8975, 34.2436



17.7298, 20.1550, 18.7192



0.0000, 0.0000, 0.0000



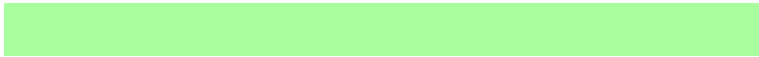
20.3446, 21.4041, 23.3091

Same Dimension

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



40.0929, 53.5813, 34.2165



58.2024, 82.3756, 45.2254



40.9454, 53.7779, 45.2286



11.7728, 13.2663, 12.5522



14.3098, 28.2459, 4.6978



0.8410, 1.6004, 0.2646

Inverse Universe

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



45.2974, 36.6181, 64.3580



67.7991, 51.0425, 100.8865



44.3927, 36.4786, 49.5485



12.1802, 11.9417, 14.9067



19.7065, 9.3394, 37.9565



1.1386, 0.5411, 2.1240

Previews

White Background



This preview shows how the XYZ color 40.0915, 53.5790, 34.2153 looks on a white background.

Color Contrast Check

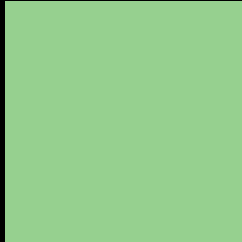
Large Text (above 18pt) WCAG AA × Fail

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 40.0915, 53.5790, 34.2153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

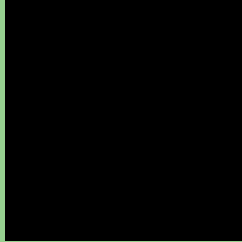
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0915, 53.5790, 34.2153

Background



This preview shows how black text looks on a background with the XYZ color 40.0915, 53.5790, 34.2153.

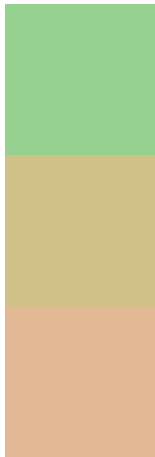


This preview shows how white text looks on a background with the XYZ color 40.0915, 53.5790,

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

40.0915, 53.5790, 34.2153

Protanopia

49.5263, 53.3274, 30.9755

Deuteranopia

54.0583, 53.0048, 35.3987



Tritanopia

47.7934, 53.5397, 72.1052

Trichromacy



Original Color

40.0915, 53.5790, 34.2153

Protanomaly

45.3478, 52.8170, 32.2307

Deuteranomaly

47.5470, 52.2210, 34.7678

Tritanomaly

44.4064, 53.1843, 56.0692

Monochromacy



Original Color

40.0915, 53.5790, 34.2153

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

42.7121, 49.1844, 44.2881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0915, 53.5790, 34.2153 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, 208, 143)` looks like.

```
.text, #text, p{  
    color:rgb(150, 208, 143)  
}
```

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, 208, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 208, 143) }
```

Border

The CSS property to change the border of an element to XYZ 40.0915, 53.5790, 34.2153 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, 208, 143) }
```


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

```
.border{ border-color:rgb(150, 208, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 208, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 208, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 208, 143);  
box-shadow:4px 4px 4px 4px rgb(150, 208,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0915, 53.5790, 34.2153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 208, 143) }
```

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

```
.background{ background-color: rgb(150,  
208, 143) }
```

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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