

Converting Colors

XYZ(40.0066, 50.8634, 36.6425)

Have a look what the booklet for
XYZ(40.0066, 50.8634, 36.6425)
contains.

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Color

**XYZ(40.1020, 51.0432,
36.5929)**

Conversions

Conversions Part 1

Format	Color
Hex	9CC996
RGB	156, 201, 150
RGB Percent	61%, 79%, 59%
CMY	0.3882, 0.2117, 0.4118
CMYK	0.22, 0.00, 0.25, 0.21
HSL	113°, 32%, 69%
HSV	113°, 25%, 79%
XYZ	40.1020, 51.0432, 36.5929
YIQ	181.7310, -10.4490, -25.4010

Conversions

Conversions Part 2

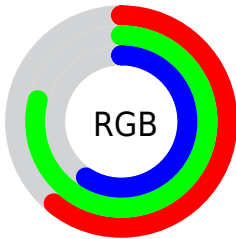
Format	Color
RYB	150, 201, 195
Decimal	10275222
CIELab	76.71, -24.58, 20.79
CIELCh	77, 32.189, 139.780
Yxy	51.0432, 0.3139, 0.3996
Android (android.graphics.Color)	4288465302 (0xFF9CC996)
YUV	181.7310, -15.6434, -22.5661
Hunter-Lab	71.4445, -24.8354, 19.6436

Details

The XYZ color **40.1020, 51.0432, 36.5929** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.9567, 37.6333, 60.2081**, and the grayscale version is **44.4047, 46.7172, 50.8750**.

A 20% lighter version of the original color is **73.5231, 89.7285, 70.5710**, and **18.3948, 24.7113, 15.6046** is the 20% darker color. If you saturate the color by 10%, you get **35.4354, 48.8102, 28.6381**, and if you desaturate by 10%, it is **45.5501, 53.6499, 46.0357**.

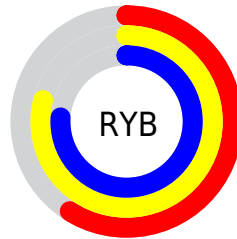
Distribution



Red (61%)

Green (79%)

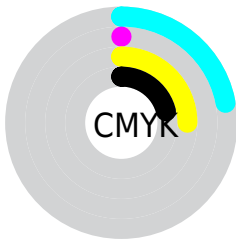
Blue (59%)



Red (59%)

Yellow (79%)

Blue (76%)

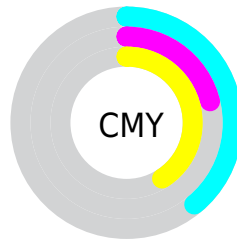


Cyan (22%)

Magenta (0%)

Yellow (25%)

Black (21%)



Cyan (39%)


Magenta (21%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1020, 51.0432, 36.5929 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 40.1020, 51.0432, 36.5929 by changing the saturation by 10% instead.


 40.1020, 51.0432,
36.5929


 40.1020, 51.0432,
36.5929


337.6803,
390.7316, 346.6601

 27.8026, 36.2430,
24.5991


 74.6022, 91.7186,
71.1255

 18.3166, 24.6219,
15.5624


 97.5337, 118.3626,
94.5015

 11.2786, 15.7956,
9.0640


124.7400,
149.7234, 122.5086

 6.3232, 9.3796,
4.6856

156.5864,
186.1852, 155.5654

 3.0851, 4.9896,
2.0085

193.4383,
228.1325, 194.0904

 1.1989, 2.2412,
0.5605

235.6610,

 0.1055, 0.7423,

275.9498, 238.5021

0.0000

283.6199,
330.0214, 289.2192

■ 0.0000, 0.0000,
0.0000

■ 40.1020, 51.0432,
36.5929

■ 40.1020, 51.0432,
36.5929

■ 35.4354, 48.8102,
28.6381

■ 45.5501, 53.6499,
46.0357

■ 31.5106, 46.9277,
22.0923

■ 51.8092, 56.6397,
57.0334

■ 28.2902, 45.3797,
16.8743

■ 58.9121, 60.0294,
69.6528

■ 25.7320, 44.1464,
12.8933

■ 66.8886, 63.8332,
83.9560

■ 23.7894, 43.2059,
10.0471

■ 75.7672, 68.0643,
100.0017

■ 22.4094, 42.5336,
8.2172

■ 80.1776, 70.2553,
103.9425

■ 21.5296, 42.1003,
7.2585

■ 21.2559, 41.9651,
6.9798

Harmonies

Analogous

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



44.6545, 51.0432, 29.5904



40.1020, 51.0432, 36.5929



37.8673, 51.0432, 49.8303

Triad

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



40.1020, 51.0432, 36.5929



46.4645, 51.0432, 95.6041



60.4050, 51.0432, 44.9710

Complementary

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



40.1020, 51.0432, 36.5929



43.9567, 37.6333, 60.2081

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.



60.9922, 51.0432, 61.7502



40.1020, 51.0432, 36.5929



52.5919, 51.0432, 93.5397

Square

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



40.1020, 51.0432, 36.5929



41.3314, 51.0432, 85.3611



58.0294, 51.0432, 80.2008



56.4863, 51.0432, 33.6789

Rectangle

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



40.1020, 51.0432, 36.5929



37.8540, 51.0432, 61.4786



58.0294, 51.0432, 80.2008



61.0104, 51.0432, 50.0664

Sweetspot

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



40.1033, 51.0454, 36.5940



85.6226, 95.4995, 92.2151



48.9309, 53.2946, 36.5629



17.9700, 20.2704, 19.1098



0.0000, 0.0000, 0.0000



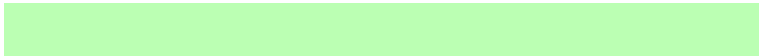
20.3446, 21.4041, 23.3091

Same Dimension

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



40.1033, 51.0454, 36.5940



64.4619, 85.3823, 55.4661



40.5992, 51.1129, 45.1159



10.6114, 11.9466, 11.3094



13.4052, 26.4059, 4.3903



0.6744, 1.2708, 0.2097

Inverse Universe

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



43.9567, 37.6333, 60.2081



72.0766, 58.8532, 102.1687



43.4701, 37.6213, 49.3911



10.9556, 10.7509, 13.4152



18.1309, 8.5811, 35.4451



0.8941, 0.4247, 1.6800

Previews

White Background



This preview shows how the XYZ color 40.1020, 51.0432, 36.5929 looks on a white background.

Color Contrast Check

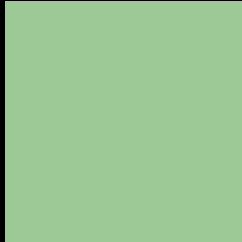
Large Text (above 18pt) WCAG AA × Fail

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 40.1020, 51.0432, 36.5929 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 40.1020, 51.0432, 36.5929

Background



This preview shows how black text looks on a background with the XYZ color 40.1020, 51.0432, 36.5929.

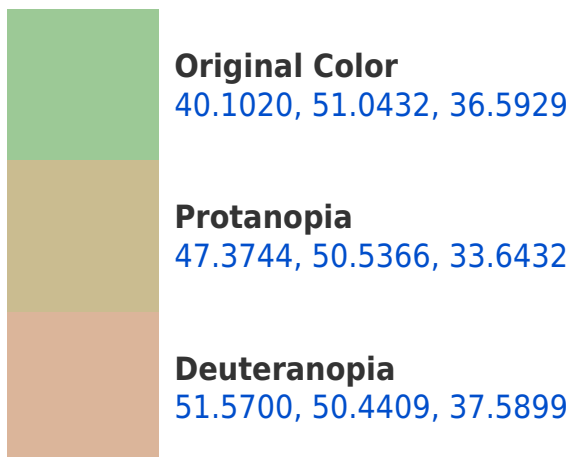


This preview shows how white text looks on a background with the XYZ color 40.1020, 51.0432,

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

46.3045, 50.8504, 67.6962

Trichromacy



Original Color

40.1020, 51.0432, 36.5929

Protanomaly

44.2659, 50.5295, 34.6142

Deuteranomaly

46.4979, 50.0021, 37.3377

Tritanomaly

43.7173, 50.7921, 55.0767

Monochromacy



Original Color

40.1020, 51.0432, 36.5929

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

42.6869, 48.1817, 45.0804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1020, 51.0432, 36.5929 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(156, 201, 150)` looks like.

```
.text, #text, p{  
    color:rgb(156, 201, 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(156, 201, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 201, 150) }
```

Border

The CSS property to change the border of an element to XYZ 40.1020, 51.0432, 36.5929 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(156, 201, 150) }
```


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

```
.border{ border-color:rgb(156, 201, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 201, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 201, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 201, 150);  
box-shadow:4px 4px 4px 4px rgb(156, 201,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1020, 51.0432, 36.5929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 201, 150) }
```

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

```
.background{ background-color: rgb(156,  
201, 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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