

Converting Colors

XYZ(40.1324, 54.7336, 49.5237)

Have a look what the booklet for
XYZ(40.1324, 54.7336, 49.5237)
contains.

XYZ(40.1324, 54.7336, 49.5237)	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(40.1324, 54.7336,
49.5237)**

Conversions

Conversions Part 1

Format	Color
Hex	7FD4B0
RGB	127, 212, 176
RGB Percent	50%, 83%, 69%
CMY	0.5020, 0.1686, 0.3098
CMYK	0.40, 0.00, 0.17, 0.17
HSL	155°, 50%, 66%
HSV	155°, 40%, 83%
XYZ	40.1324, 54.7336, 49.5237
YIQ	182.4810, -39.1040, -29.2160

Conversions

Conversions Part 2

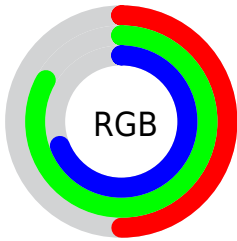
Format	Color
RYB	127, 181, 212
Decimal	8377520
CIELab	78.89, -33.89, 9.79
CIELCh	79, 35.277, 163.887
Yxy	54.7336, 0.2779, 0.3791
Android (android.graphics.Color)	4286567600 (0xFF7FD4B0)
YUV	182.4810, -3.1951, -48.6568
Hunter-Lab	73.9822, -32.6396, 12.0988

Details

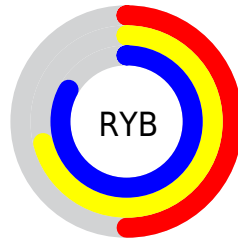
The XYZ color **40.1324, 54.7336, 49.5237** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **41.3535, 31.8216, 38.6153**, and the grayscale version is **44.7592, 47.0902, 51.2812**.

A 20% lighter version of the original color is **69.8539, 87.4135, 89.5347**, and **18.3046, 26.9217, 22.9705** is the 20% darker color. If you saturate the color by 10%, you get **36.4420, 52.9319, 44.8662**, and if you desaturate by 10%, it is **44.5489, 56.9058, 54.5244**.

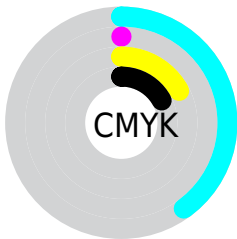
Distribution



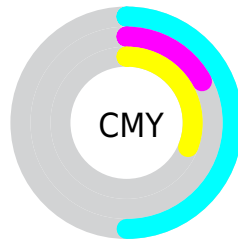
- Red (50%)
- Green (83%)
- Blue (69%)



- Red (50%)
- Yellow (71%)
- Blue (83%)



- Cyan (40%)
- Magenta (0%)
- Yellow (17%)
- Black (17%)





- Cyan (50%)
- Magenta (17%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1324, 54.7336, 49.5237 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 40.1324, 54.7336, 49.5237 by changing the saturation by 10% instead.


 40.1324, 54.7336,
49.5237


 40.1324, 54.7336,
49.5237


337.8062,
404.9013, 401.4820

 27.8265, 39.1885,
34.6666


 74.6481, 97.1505,
90.8578

 18.3347, 26.9064,
23.1246


 97.5887, 124.7911,
118.1718

 11.2917, 17.5029,
14.4794


 124.8047,
157.2323, 150.4752

 6.3321, 10.5937,
8.3123

156.6618,
194.8585, 188.1866

 3.0906, 5.7943,
4.2048

193.5250,
238.0541, 231.7244

 1.2019, 2.7204,
1.7384

235.7600,

 0.1078, 0.9876,

287.2035, 281.5072

0.3868

283.7319,
342.6911, 337.9535

■ 0.0000, 0.0000,
0.0000

■ 40.1324, 54.7336,
49.5237

■ 40.1324, 54.7336,
49.5237

■ 36.4420, 52.9319,
44.8662

■ 44.5489, 56.9058,
54.5244

■ 33.4300, 51.4717,
40.5402

■ 49.7265, 59.4619,
59.8721

■ 31.0500, 50.3309,
36.5386


■ 55.7032, 62.4229,
65.5754


■ 29.2474, 49.4814,
32.8528


■ 62.5129, 65.8063,
71.6411


■ 27.9576, 48.8899,
29.4731


■ 70.1879, 69.6284,
78.0763

 27.0703, 48.4993,
26.4151

 78.7584, 73.9048,
84.8873

 80.3434, 74.5725,
91.7105

 81.7025, 75.1161,
98.8672

 82.8345, 75.5689,
104.8282

Harmonies

Analogous

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



43.2378, 54.7336, 35.9053



40.1324, 54.7336, 49.5237



40.0186, 54.7336, 69.3352

Triad

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



40.1324, 54.7336, 49.5237



55.3207, 54.7336, 105.4008



62.3397, 54.7336, 36.6662

Complementary

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



40.1324, 54.7336, 49.5237



41.3535, 31.8216, 38.6153

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.



66.2150, 54.7336, 50.8136



40.1324, 54.7336, 49.5237



61.9234, 54.7336, 91.9216

Square

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



40.1324, 54.7336, 49.5237



48.3754, 54.7336, 104.8349



66.0561, 54.7336, 70.9481



55.8487, 54.7336, 29.7013

Rectangle

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



40.1324, 54.7336, 49.5237



41.6291, 54.7336, 83.7778



66.0561, 54.7336, 70.9481



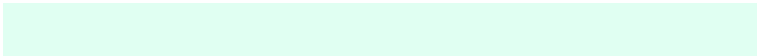
64.0164, 54.7336, 40.5817

Sweetspot

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



40.1339, 54.7358, 49.5249



82.6575, 93.8445, 97.7927



42.6515, 56.4964, 28.7365



17.4276, 19.9554, 20.6833



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.



40.1339, 54.7358, 49.5249



56.1681, 80.7934, 69.2327



42.7895, 53.5710, 70.3750



12.5595, 14.0148, 14.7606



16.7622, 29.9602, 16.5755



1.0520, 1.8235, 1.2156

Inverse Universe

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



41.3535, 31.8216, 38.6153



58.2711, 41.4050, 50.5117



39.3258, 32.2147, 24.2250



12.6393, 12.5072, 14.0409



17.9435, 9.1137, 7.0067



1.1232, 0.5661, 0.6379

Previews

White Background



This preview shows how the XYZ color 40.1324, 54.7336, 49.5237 looks on a white background.

Color Contrast Check

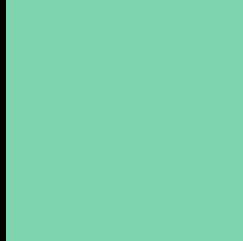
Large Text (above 18pt) WCAG AA × Fail

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 40.1324, 54.7336, 49.5237 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

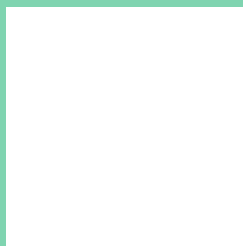
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.1324, 54.7336, 49.5237

Background



This preview shows how black text looks on a background with the XYZ color 40.1324, 54.7336, 49.5237.



This preview shows how white text looks on a background with the XYZ color 40.1324, 54.7336,

49.5237.

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

40.1324, 54.7336, 49.5237

Protanopia

51.1687, 54.2110, 44.3261

Deuteranopia

55.2372, 54.2081, 51.2680



Tritanopia

45.7374, 54.8198, 77.2779

Trichromacy



Original Color

40.1324, 54.7336, 49.5237



Protanomaly

46.0468, 53.9057, 46.0081



Deuteranomaly

48.1105, 53.5015, 50.4389



Tritanomaly

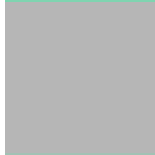
43.4068, 54.5879, 66.0063

Monochromacy



Original Color

40.1324, 54.7336, 49.5237



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

42.2085, 49.1166, 50.4358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1324, 54.7336, 49.5237 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(127, 212, 176)` looks like.

```
.text, #text, p{  
    color:rgb(127, 212, 176)  
}
```

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(127, 212, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 212, 176) }
```

Border

The CSS property to change the border of an element to XYZ 40.1324, 54.7336, 49.5237 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(127, 212, 176) }
```


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

```
.border{ border-color:rgb(127, 212, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 212, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 212, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 212, 176);  
box-shadow:4px 4px 4px 4px rgb(127, 212,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1324, 54.7336, 49.5237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 212, 176) }
```

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

```
.background{ background-color: rgb(127,  
212, 176) }
```

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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