

Converting Colors

XYZ(41.0574, 49.8873, 53.5363)

Have a look what the booklet for
XYZ(41.0574, 49.8873, 53.5363)
contains.

XYZ(40.9360, 49.7312, 53.3405)	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(40.9360, 49.7312,
53.3405)**

Conversions

Conversions Part 1

Format	Color
Hex	94C5B9
RGB	148, 197, 185
RGB Percent	58%, 77%, 73%
CMY	0.4196, 0.2274, 0.2745
CMYK	0.25, 0.00, 0.06, 0.23
HSL	165°, 30%, 68%
HSV	165°, 25%, 77%
XYZ	40.9360, 49.7312, 53.3405
YIQ	180.9810, -25.3520, -14.1200

Conversions

Conversions Part 2

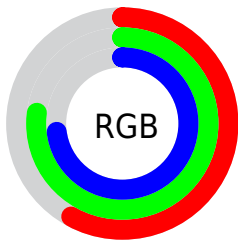
Format	Color
RYB	148, 176, 197
Decimal	9749945
CIELab	75.90, -18.54, 0.79
CIELCh	76, 18.560, 177.553
Yxy	49.7312, 0.2843, 0.3453
Android (android.graphics.Color)	4287940025 (0xFF94C5B9)
YUV	180.9810, 1.9814, -28.9243
Hunter-Lab	70.5204, -19.7941, 4.5182

Details

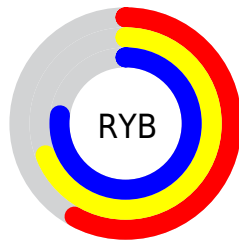
The XYZ color **40.9360, 49.7312, 53.3405** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.9628, 35.5896, 38.0231**, and the grayscale version is **43.9113, 46.1981, 50.3098**.

A 20% lighter version of the original color is **75.9476, 89.9310, 96.5746**, and **18.8112, 23.7977, 25.4317** is the 20% darker color. If you saturate the color by 10%, you get **37.1709, 47.8494, 50.5509**, and if you desaturate by 10%, it is **45.3277, 51.9367, 56.2518**.

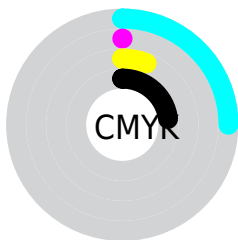
Distribution



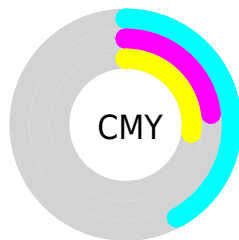
- Red (58%)
- Green (77%)
- Blue (73%)



- Red (58%)
- Yellow (69%)
- Blue (77%)



- Cyan (25%)
- Magenta (0%)
- Yellow (6%)
- Black (23%)





- Cyan (42%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9360, 49.7312, 53.3405 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 40.9360, 49.7312, 53.3405 by changing the saturation by 10% instead.


 40.9360, 49.7312,
53.3405


 40.9360, 49.7312,
53.3405

341.1202,
385.6138, 416.6934

 28.4565, 35.1999,
37.6851


 75.8621, 89.7765,
96.5518

 18.8123, 23.8169,
25.4384


 99.0393, 116.0592,
124.9448

 11.6379, 15.1978,
16.1820


126.5133,
147.0279, 158.4208

 6.5681, 8.9583,
9.4973

158.6492,
183.0669, 197.3982

 3.2374, 4.7140,
4.9657

195.8125,
224.5605, 242.2956

 1.2805, 2.0805,
2.1688

238.3686,

 0.1686, 0.6536,

271.8933, 293.5316

0.6563

286.6827,
325.4496, 351.5247

■ 0.0000, 0.0000,
0.0000

■ 40.9360, 49.7312,
53.3405

■ 40.9360, 49.7312,
53.3405

■ 37.1709, 47.8494,
50.5509

■ 45.3277, 51.9367,
56.2518

■ 33.9973, 46.2692,
47.8773

■ 50.3705, 54.4744,
59.2837

■ 31.3830, 44.9754,
45.3184

■ 56.0926, 57.3603,
62.4393

■ 29.2911, 43.9490,
42.8715

■ 62.5193, 60.6075,
65.7208

■ 27.6800, 43.1685,
40.5337

■ 69.6748, 64.2282,
69.1301

■ 26.5017, 42.6093,
38.3020

■ 73.3388, 66.0470,
72.4704

■ 25.6977, 42.2411,
36.1725

■ 73.9643, 66.2971,
75.7638

■ 25.3720, 42.0962,
35.1174

■ 74.6081, 66.5547,
79.1543

■ 75.2705, 66.8196,
82.6425

Harmonies

Analogous

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



41.8800, 49.7312, 44.5682



40.9360, 49.7312, 53.3405



41.6189, 49.7312, 63.4360

Triad

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



40.9360, 49.7312, 53.3405



50.4084, 49.7312, 72.8310



50.9230, 49.7312, 39.6264

Complementary

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



40.9360, 49.7312, 53.3405



39.9628, 35.5896, 38.0231

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.



53.4065, 49.7312, 45.8154



40.9360, 49.7312, 53.3405



53.0994, 49.7312, 65.0126

Square

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



40.9360, 49.7312, 53.3405



46.9849, 49.7312, 75.4707



54.2215, 49.7312, 54.9653



47.5522, 49.7312, 37.2763

Rectangle

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



40.9360, 49.7312, 53.3405



42.9243, 49.7312, 69.4380



54.2215, 49.7312, 54.9653



51.8953, 49.7312, 41.2868

Sweetspot

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



40.9374, 49.7332, 53.3416



88.0891, 96.4919, 104.9415



39.8604, 49.5721, 35.4854



18.7324, 20.5917, 22.3899



0.0000, 0.0000, 0.0000



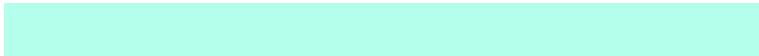
20.3446, 21.4041, 23.3091

Same Dimension

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



40.9374, 49.7332, 53.3416



69.4135, 87.1156, 92.7133



39.5891, 44.9224, 59.4100



10.8314, 12.0214, 13.0622



16.7221, 27.7012, 23.2787



0.8192, 1.3226, 1.2463

Inverse Universe

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



39.9628, 35.5896, 38.0231



67.3654, 57.3423, 60.4839



40.9871, 39.2384, 33.4314



10.7386, 10.6788, 11.6069



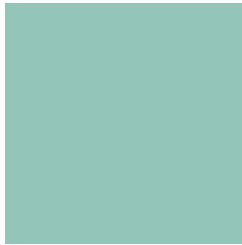
15.5278, 7.9607, 2.7233



0.7650, 0.3889, 0.2858

Previews

White Background



This preview shows how the XYZ color 40.9360, 49.7312, 53.3405 looks on a white background.

Color Contrast Check

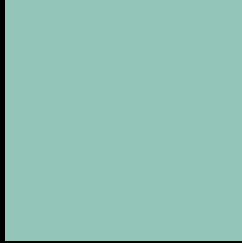
Large Text (above 18pt) WCAG AA × Fail

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 40.9360, 49.7312, 53.3405 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

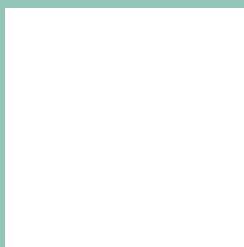
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.9360, 49.7312, 53.3405

Background



This preview shows how black text looks on a background with the XYZ color 40.9360, 49.7312, 53.3405.



This preview shows how white text looks on a background with the XYZ color 40.9360, 49.7312,

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

40.9360, 49.7312, 53.3405

Protanopia

47.4338, 49.5790, 49.7175

Deuteranopia

50.5028, 49.5160, 54.4727



Tritanopia

43.7155, 49.5157, 67.5750

Trichromacy



Original Color

40.9360, 49.7312, 53.3405

Protanomaly

44.6584, 49.3932, 50.8962

Deuteranomaly

46.5071, 49.3189, 54.0820

Tritanomaly

42.4796, 49.3330, 61.9269

Monochromacy



Original Color

40.9360, 49.7312, 53.3405

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.5760, 47.3531, 51.1520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9360, 49.7312, 53.3405 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(148, 197, 185)` looks like.

```
.text, #text, p{  
    color:rgb(148, 197, 185)  
}
```

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(148, 197, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 197, 185) }
```

Border

The CSS property to change the border of an element to XYZ 40.9360, 49.7312, 53.3405 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(148, 197, 185) }
```


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

```
.border{ border-color:rgb(148, 197, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 197, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 197, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 197, 185);  
box-shadow:4px 4px 4px 4px rgb(148, 197,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9360, 49.7312, 53.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 197, 185) }
```

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

```
.background{ background-color: rgb(148,  
197, 185) }
```

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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