

Converting Colors

XYZ(37.2421, 42.3015, 50.6938)

Have a look what the booklet for
XYZ(37.2421, 42.3015, 50.6938)
contains.

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Color

**XYZ(37.3424, 42.5039,
50.4919)**

Conversions

Conversions Part 1

Format	Color
Hex	96B4B6
RGB	150, 180, 182
RGB Percent	59%, 71%, 71%
CMY	0.4118, 0.2941, 0.2863
CMYK	0.18, 0.01, 0.00, 0.29
HSL	184°, 18%, 65%
HSV	184°, 18%, 71%
XYZ	37.3424, 42.5039, 50.4919
YIQ	171.2580, -18.5220, -5.7380

Conversions

Conversions Part 2

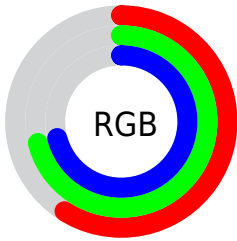
Format	Color
R_{YB}	150, 165, 182
Decimal	9876662
CIE _{Lab}	71.22, -9.73, -4.43
CIE _{LCh}	71, 10.691, 204.482
Yxy	42.5039, 0.2865, 0.3261
Android (android.graphics.Color)	4288066742 (0xFF96B4B6)
YUV	171.2580, 5.2958, -18.6433
Hunter-Lab	65.1950, -11.8500, -0.2821

Details

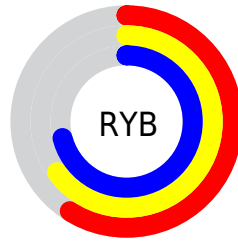
The XYZ color **37.3424, 42.5039, 50.4919** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.0250, 34.6036, 33.6353**, and the grayscale version is **38.8202, 40.8418, 44.4768**.

A 20% lighter version of the original color is **70.6049, 79.1431, 92.4438**, and **16.6974, 19.4164, 23.6366** is the 20% darker color. If you saturate the color by 10%, you get **34.0219, 40.4541, 50.2719**, and if you desaturate by 10%, it is **41.1874, 44.8291, 50.7387**.

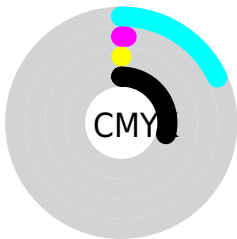
Distribution



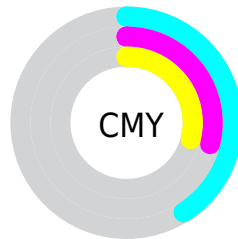
- Red (59%)
- Green (71%)
- Blue (71%)



- Red (59%)
- Yellow (65%)
- Blue (71%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)



- Cyan (41%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3424, 42.5039, 50.4919 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 37.3424, 42.5039, 50.4919 by changing the saturation by 10% instead.

■ 37.3424, 42.5039,
50.4919

■ 37.3424, 42.5039,
50.4919

326.1204,
356.5676, 405.3765

■ 25.6476, 29.4961,
35.4305

■ 70.4095, 78.9617,
92.3071

■ 16.6915, 19.4564,
23.7085

■ 92.5125, 103.1804,
119.8979

■ 10.1087, 12.0005,
14.9073

118.8156,
131.9049, 152.5023

■ 5.5339, 6.7440,
8.6085

149.6842,
165.5196, 190.5388

■ 2.6017, 3.3025,
4.3934

185.4836,
204.4088, 234.4259

■ 0.9468, 1.2916,
1.8435

226.5792,

■ 0.0000, 0.1347,

248.9569, 284.5822

0.4564

273.3364,
299.5484, 341.4262

■ 0.0000, 0.0000,
0.0000

■ 37.3424, 42.5039,
50.4919

■ 37.3424, 42.5039,
50.4919

■ 34.0219, 40.4541,
50.2719

■ 41.1874, 44.8291,
50.7387

■ 31.1983, 38.6622,
50.0749

■ 45.5757, 47.4360,
51.0106

■ 28.8470, 37.1165,
49.9005

■ 50.5295, 50.3373,
51.3096

■ 26.9399, 35.8026,
49.7474

■ 56.0688, 53.5433,
51.6364

■ 25.4458, 34.7043,
49.6141

■ 62.2126, 57.0637,
51.9921

■ 24.3296, 33.8036,
49.4991

■ 67.4159, 60.1021,
52.3043

■ 23.5500, 33.0792,
49.4004

■ 67.6576, 60.5854,
52.3849

■ 23.0455, 32.4993,
49.3150

■ 67.9012, 61.0727,
52.4661

■ 22.9386, 32.3673,
49.2952

■ 68.1468, 61.5637,
52.5479

Harmonies

Analogous

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



37.0642, 42.5039, 45.3369



37.3424, 42.5039, 50.4919



38.4292, 42.5039, 54.7878

Triad

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



37.3424, 42.5039, 50.4919



43.2695, 42.5039, 52.2542



40.7310, 42.5039, 37.1332

Complementary

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



37.3424, 42.5039, 50.4919



36.0250, 34.6036, 33.6353

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.



42.4343, 42.5039, 38.7011



37.3424, 42.5039, 50.4919



43.9274, 42.5039, 47.2351

Square

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



37.3424, 42.5039, 50.4919



41.8439, 42.5039, 55.8568



43.6173, 42.5039, 42.3082



38.9871, 42.5039, 37.8648

Rectangle

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



37.3424, 42.5039, 50.4919



39.4836, 42.5039, 56.4571



43.6173, 42.5039, 42.3082



41.3278, 42.5039, 37.4050

Sweetspot

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



37.3436, 42.5057, 50.4929



76.5642, 82.4050, 92.1061



34.9411, 42.1946, 35.8378



16.7920, 18.1299, 20.3360



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



37.3436, 42.5057, 50.4929



65.3214, 75.6010, 91.3854



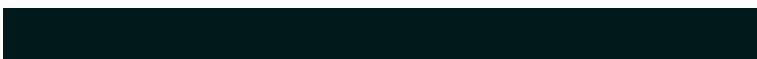
34.3691, 36.5565, 49.5013



9.2174, 10.1120, 11.5454



16.2169, 22.8934, 34.8172



0.5863, 0.8362, 1.2322

Inverse Universe

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



38.4369, 35.0539, 47.9222



67.6767, 59.6619, 85.8218



38.7260, 40.0057, 34.5357



9.3561, 9.1528, 11.2225



18.7992, 9.0934, 27.8931



0.6701, 0.3235, 1.0220

Previews

White Background



This preview shows how the XYZ color 37.3424, 42.5039, 50.4919 looks on a white background.

Color Contrast Check

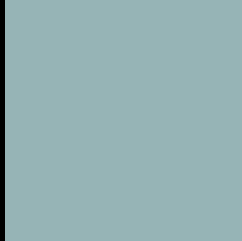
Large Text (above 18pt) WCAG AA × Fail

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 37.3424, 42.5039, 50.4919 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 37.3424, 42.5039, 50.4919

Background



This preview shows how black text looks on a background with the XYZ color 37.3424, 42.5039, 50.4919.

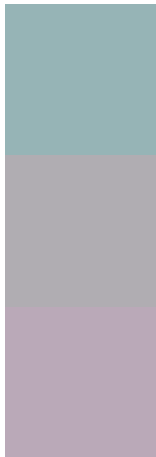


This preview shows how white text looks on a background with the XYZ color 37.3424, 42.5039,

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

37.3424, 42.5039, 50.4919

Protanopia

40.8839, 42.3316, 48.1355

Deuteranopia

43.0894, 42.2757, 51.2364



Tritanopia

38.4949, 42.3664, 56.6007

Trichromacy



Original Color

37.3424, 42.5039, 50.4919

Protanomaly

39.5984, 42.5208, 48.7681

Deuteranomaly

40.7244, 42.1903, 50.7969

Tritanomaly

38.0679, 42.4936, 54.3398

Monochromacy



Original Color

37.3424, 42.5039, 50.4919

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.9782, 41.1538, 46.4992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3424, 42.5039, 50.4919 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, 180, 182)` looks like.

```
.text, #text, p{  
    color:rgb(150, 180, 182)  
}
```

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, 180, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 180, 182) }
```

Border

The CSS property to change the border of an element to XYZ 37.3424, 42.5039, 50.4919 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, 180, 182) }
```


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

```
.border{ border-color:rgb(150, 180, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 180, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 180, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 180, 182);  
box-shadow:4px 4px 4px 4px rgb(150, 180,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3424, 42.5039, 50.4919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 180, 182) }
```

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

```
.background{ background-color: rgb(150,  
180, 182) }
```

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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