

Converting Colors

XYZ(37.3420, 43.7422, 41.8936)

Have a look what the booklet for
XYZ(37.3420, 43.7422, 41.8936)
contains.

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Color

**XYZ(37.2426, 43.5521,
42.0408)**

Conversions

Conversions Part 1

Format	Color
Hex	9BB7A5
RGB	155, 183, 165
RGB Percent	61%, 72%, 65%
CMY	0.3922, 0.2823, 0.3529
CMYK	0.15, 0.00, 0.10, 0.28
HSL	141°, 16%, 66%
HSV	141°, 15%, 72%
XYZ	37.2426, 43.5521, 42.0408
YIQ	172.5760, -10.9100, -11.5340

Conversions

Conversions Part 2

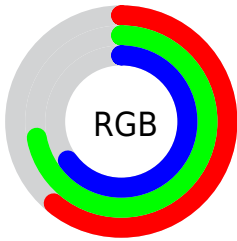
Format	Color
RYB	155, 176, 183
Decimal	10205093
CIELab	71.93, -13.12, 5.96
CIElCh	72, 14.414, 155.555
Yxy	43.5521, 0.3032, 0.3546
Android (android.graphics.Color)	4288395173 (0xFF9BB7A5)
YUV	172.5760, -3.7350, -15.4142
Hunter-Lab	65.9940, -14.7561, 8.4257

Details

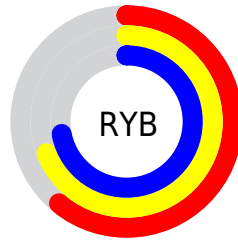
The XYZ color **37.2426, 43.5521, 42.0408** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.7942, 36.5282, 44.5432**, and the grayscale version is **39.5280, 41.5866, 45.2878**.

A 20% lighter version of the original color is **70.3631, 80.6019, 79.5593**, and **16.6722, 20.1006, 18.6239** is the 20% darker color. If you saturate the color by 10%, you get **32.9712, 41.4694, 36.5060**, and if you desaturate by 10%, it is **42.1473, 45.9523, 48.1214**.

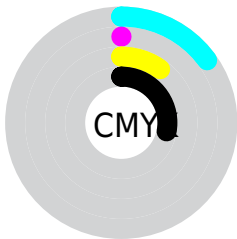
Distribution



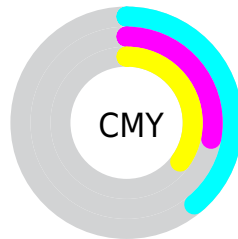
- Red (61%)
- Green (72%)
- Blue (65%)



- Red (61%)
- Yellow (69%)
- Blue (72%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (28%)





- Cyan (39%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2426, 43.5521, 42.0408 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 37.2426, 43.5521, 42.0408 by changing the saturation by 10% instead.


 37.2426, 43.5521,
42.0408


 37.2426, 43.5521,
42.0408


325.6970,
360.8774, 370.4567

 25.5699, 30.3185,
28.8074


 70.2572, 80.5433,
79.5321

 16.6332, 20.0805,
18.6909


 92.3297, 105.0698,
104.6272

 10.0670, 12.4536,
11.2726


118.5997,
134.1294, 134.5132

 5.5060, 7.0534,
6.1340

149.4323,
168.1064, 169.6087

 2.5849, 3.4955,
2.8566

185.1930,
207.3853, 210.3323

 0.9382, 1.3956,
1.0219

226.2471,

 0.0000, 0.2135,

252.3506, 257.1024

0.0000

272.9600,
303.3864, 310.3377

0.0000, 0.0000,
0.0000

37.2426, 43.5521,
42.0408

37.2426, 43.5521,
42.0408

32.9712, 41.4694,
36.5060

42.1473, 45.9523,
48.1214

29.3029, 39.6854,
31.4991

47.7065, 48.6770,
54.7593

26.2105, 38.1874,
27.0052

53.9450, 51.7400,
61.9693

23.6631, 36.9600,
23.0079

60.8852, 55.1524,
69.7649

21.6269, 35.9861,
19.4897

68.5483, 58.9250,
78.1591

■ 20.0641, 35.2465,
16.4322

■ 73.2554, 61.1610,
86.9911

■ 18.9313, 34.7193,
13.8157

■ 75.0180, 61.8661,
96.2728

■ 18.1754, 34.3774,
11.6186

■ 76.2243, 62.3486,
102.6248

■ 17.8986, 34.2543,
10.7230

Harmonies

Analogous

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



38.7090, 43.5521, 37.2459



37.2426, 43.5521, 42.0408



36.8700, 43.5521, 48.7422

Triad

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



37.2426, 43.5521, 42.0408



41.8538, 43.5521, 62.1974



45.3574, 43.5521, 39.9826

Complementary

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



37.2426, 43.5521, 42.0408



38.7942, 36.5282, 44.5432

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.



46.2758, 43.5521, 46.1236



37.2426, 43.5521, 42.0408



44.2024, 43.5521, 59.2982

Square

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



37.2426, 43.5521, 42.0408



39.4711, 43.5521, 60.8308



45.8450, 43.5521, 53.2413



43.3803, 43.5521, 36.1424

Rectangle

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



37.2426, 43.5521, 42.0408



37.2786, 43.5521, 53.4981



45.8450, 43.5521, 53.2413



45.8037, 43.5521, 41.8221

Sweetspot

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



37.2438, 43.5539, 42.0418



75.6868, 82.3965, 86.4300



40.1293, 45.1426, 37.6094



16.5723, 18.1281, 18.9138



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.



37.2438, 43.5539, 42.0418



64.2912, 76.8245, 72.2216



38.5690, 44.0840, 49.0200



9.0193, 10.1117, 10.2590



12.5159, 23.9073, 7.6386



0.4713, 0.8548, 0.4278

Inverse Universe

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



38.7942, 36.5282, 44.5432



67.5424, 62.0892, 77.4659



37.5265, 36.0212, 37.8677



9.2411, 9.1068, 10.6170



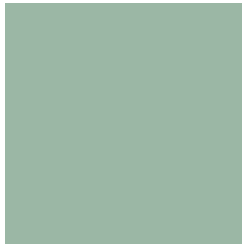
15.9237, 7.9432, 12.7510



0.5897, 0.2914, 0.5988

Previews

White Background



This preview shows how the XYZ color 37.2426, 43.5521, 42.0408 looks on a white background.

Color Contrast Check

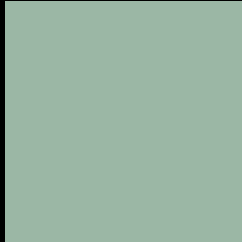
Large Text (above 18pt) WCAG AA × Fail

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 37.2426, 43.5521, 42.0408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

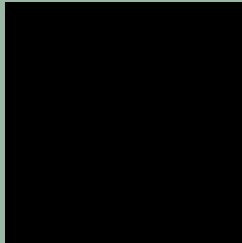
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2426, 43.5521, 42.0408

Background



This preview shows how black text looks on a background with the XYZ color 37.2426, 43.5521, 42.0408.



This preview shows how white text looks on a background with the XYZ color 37.2426, 43.5521,

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

37.2426, 43.5521, 42.0408

Protanopia

41.2914, 43.3004, 39.8997

Deuteranopia

44.2076, 43.3124, 43.0759



Tritanopia

40.2429, 43.5640, 56.7397

Trichromacy



Original Color

37.2426, 43.5521, 42.0408

Protanomaly

39.6756, 43.3337, 40.4555

Deuteranomaly

41.3611, 43.2737, 42.7319

Tritanomaly

38.9691, 43.3305, 51.1095

Monochromacy



Original Color

37.2426, 43.5521, 42.0408

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

38.7037, 42.4536, 44.1847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2426, 43.5521, 42.0408 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(155, 183, 165)` looks like.

```
.text, #text, p{  
    color:rgb(155, 183, 165)  
}
```

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(155, 183, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 183, 165) }
```

Border

The CSS property to change the border of an element to XYZ 37.2426, 43.5521, 42.0408 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(155, 183, 165) }
```


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

```
.border{ border-color:rgb(155, 183, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 183, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 183, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 183, 165);  
box-shadow:4px 4px 4px 4px rgb(155, 183,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2426, 43.5521, 42.0408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 183, 165) }
```

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

```
.background{ background-color: rgb(155,  
183, 165) }
```

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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