

Converting Colors

XYZ(37.7529, 42.3908, 52.2632)

Have a look what the booklet for
XYZ(37.7529, 42.3908, 52.2632)
contains.

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Color

**XYZ(37.6396, 42.3223,
52.0841)**

Conversions

Conversions Part 1

Format	Color
Hex	97B3B9
RGB	151, 179, 185
RGB Percent	59%, 70%, 73%
CMY	0.4078, 0.2980, 0.2745
CMYK	0.18, 0.03, 0.00, 0.27
HSL	191°, 20%, 66%
HSV	191°, 18%, 73%
XYZ	37.6396, 42.3223, 52.0841
YIQ	171.3120, -18.6140, -4.0700

Conversions

Conversions Part 2

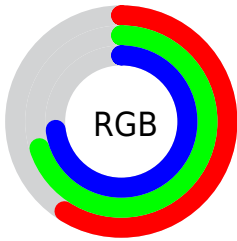
Format	Color
RYB	151, 166, 185
Decimal	9941945
CIELab	71.09, -8.22, -6.26
CIELCh	71, 10.333, 217.255
Yxy	42.3223, 0.2850, 0.3205
Android (android.graphics.Color)	4288132025 (0xFF97B3B9)
YUV	171.3120, 6.7482, -17.8136
Hunter-Lab	65.0556, -10.5715, -1.9292

Details

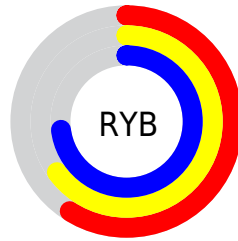
The XYZ color **37.6396, 42.3223, 52.0841** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.6509, 36.6627, 34.3713**, and the grayscale version is **38.8404, 40.8631, 44.4999**.

A 20% lighter version of the original color is **71.0391, 78.8893, 94.7021**, and **16.7713, 19.2403, 24.6596** is the 20% darker color. If you saturate the color by 10%, you get **33.8260, 39.3978, 51.7213**, and if you desaturate by 10%, it is **42.0100, 45.5590, 52.4792**.

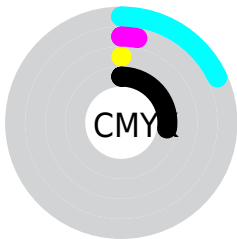
Distribution



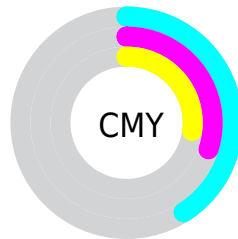
- Red (59%)
- Green (70%)
- Blue (73%)



- Red (59%)
- Yellow (65%)
- Blue (73%)



- Cyan (18%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (41%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6396, 42.3223, 52.0841 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 37.6396, 42.3223, 52.0841 by changing the saturation by 10% instead.

■ 37.6396, 42.3223,
52.0841

■ 37.6396, 42.3223,
52.0841

327.3791,
355.8173, 411.7274

■ 25.8790, 29.3537,
36.6894

■ 70.8629, 78.6872,
94.6831

■ 16.8654, 19.3486,
24.6732

■ 93.0563, 102.8523,
122.7245

■ 10.2333, 11.9224,
15.6170

119.4580,
131.5184, 155.8185

■ 5.6173, 6.6909,
9.1021

150.4334,
165.0698, 194.3838

■ 2.6523, 3.2695,
4.7101

186.3479,
203.8911, 238.8387

■ 0.9727, 1.2740,
2.0225

227.5668,

■ 0.0000, 0.1210,

248.3664, 289.6020

0.5690

274.4554,
298.8804, 347.0920

■ 0.0000, 0.0000,
0.0000

■ 37.6396, 42.3223,
52.0841

■ 37.6396, 42.3223,
52.0841

■ 33.8260, 39.3978,
51.7213

■ 42.0100, 45.5590,
52.4792

■ 30.5402, 36.7672,
51.3867

■ 46.9569, 49.1149,
52.9048

■ 27.7564, 34.4181,
51.0800

■ 52.5038, 53.0033,
53.3630

■ 25.4449, 32.3349,
50.7998

■ 58.6715, 57.2354,
53.8548

■ 23.5729, 30.5007,
50.5444

■ 65.4801, 61.8213,
54.3811

■ 22.1032, 28.8960,
50.3121

■ 70.3250, 65.4187,
54.8201

■ 20.9923, 27.4983,
50.1009

■ 71.0819, 66.9325,
55.0724

■ 20.1689, 26.2707,
49.9073

■ 71.8550, 68.4787,
55.3301

■ 20.0449, 26.0785,
49.8768

■ 72.6444, 70.0575,
55.5933

Harmonies

Analogous

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



37.0200, 42.3223, 47.2937



37.6396, 42.3223, 52.0841



38.9554, 42.3223, 55.4240

Triad

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



37.6396, 42.3223, 52.0841



43.3680, 42.3223, 49.8587



39.8080, 42.3223, 37.2741

Complementary

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



37.6396, 42.3223, 52.0841



37.6509, 36.6627, 34.3713

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.



41.5241, 42.3223, 37.8532



37.6396, 42.3223, 52.0841



43.6121, 42.3223, 44.8908

Square

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



37.6396, 42.3223, 52.0841



42.2707, 42.3223, 54.0763



42.9284, 42.3223, 40.5593



38.2485, 42.3223, 38.9168

Rectangle

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



37.6396, 42.3223, 52.0841



40.0672, 42.3223, 56.2524



42.9284, 42.3223, 40.5593



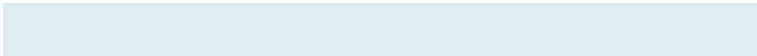
40.3854, 42.3223, 37.2175

Sweetspot

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



37.6408, 42.3240, 52.0851



77.1656, 82.9950, 94.1572



36.1697, 43.7010, 38.2790



16.5168, 17.8061, 20.2880



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.



37.6408, 42.3240, 52.0851



64.5764, 73.6492, 93.0168



34.4995, 36.0413, 51.0379



9.1283, 9.9338, 11.5157



13.6963, 17.8523, 33.9770



0.5186, 0.7009, 1.2097

Inverse Universe

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



39.2119, 35.7032, 47.4745



67.9354, 59.7346, 83.1054



40.6660, 42.6929, 35.3764



9.3111, 9.1348, 10.9857



17.5270, 8.5845, 21.1935



0.6359, 0.3099, 0.8423

Previews

White Background



This preview shows how the XYZ color 37.6396, 42.3223, 52.0841 looks on a white background.

Color Contrast Check

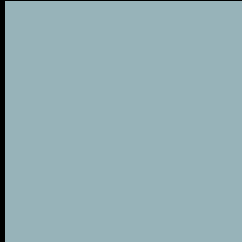
Large Text (above 18pt) WCAG AA × Fail

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 37.6396, 42.3223, 52.0841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

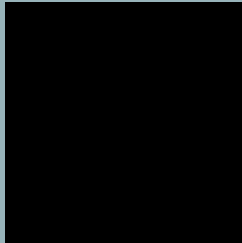
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

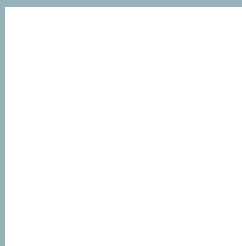
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.6396, 42.3223, 52.0841

Background



This preview shows how black text looks on a background with the XYZ color 37.6396, 42.3223, 52.0841.



This preview shows how white text looks on a background with the XYZ color 37.6396, 42.3223,

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

37.6396, 42.3223, 52.0841

Protanopia

40.9633, 42.3373, 49.7290

Deuteranopia

42.9248, 42.1541, 52.8879



Tritanopia

38.3837, 42.3220, 56.0151

Trichromacy



Original Color

37.6396, 42.3223, 52.0841

Protanomaly

39.4994, 42.1443, 50.3088

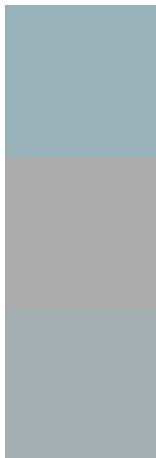
Deuteranomaly

40.8198, 42.2030, 52.4489

Tritanomaly

38.0546, 42.1903, 54.2820

Monochromacy



Original Color

37.6396, 42.3223, 52.0841

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.2824, 41.2992, 47.0281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6396, 42.3223, 52.0841 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(151, 179, 185)` looks like.

```
.text, #text, p{  
    color:rgb(151, 179, 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(151, 179, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 179, 185) }
```

Border

The CSS property to change the border of an element to XYZ 37.6396, 42.3223, 52.0841 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(151, 179, 185) }
```


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

```
.border{ border-color:rgb(151, 179, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 179, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 179, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 179, 185);  
box-shadow:4px 4px 4px 4px rgb(151, 179,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6396, 42.3223, 52.0841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 179, 185) }
```

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

```
.background{ background-color: rgb(151,  
179, 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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