

Converting Colors

XYZ(37.3044, 42.5748, 51.3706)

Have a look what the booklet for
XYZ(37.3044, 42.5748, 51.3706)
contains.

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Color

**XYZ(37.1857, 42.3991,
51.5713)**

Conversions

Conversions Part 1

Format	Color
Hex	94B4B8
RGB	148, 180, 184
RGB Percent	58%, 71%, 72%
CMY	0.4196, 0.2941, 0.2784
CMYK	0.20, 0.02, 0.00, 0.28
HSL	187°, 20%, 65%
HSV	187°, 20%, 72%
XYZ	37.1857, 42.3991, 51.5713
YIQ	170.8880, -20.3560, -5.5400

Conversions

Conversions Part 2

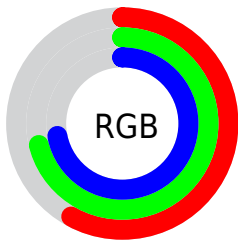
Format	Color
RYB	148, 165, 184
Decimal	9745592
CIELab	71.15, -9.93, -5.65
CIELCh	71, 11.428, 209.628
Yxy	42.3991, 0.2835, 0.3233
Android (android.graphics.Color)	4287935672 (0xFF94B4B8)
YUV	170.8880, 6.4642, -20.0728
Hunter-Lab	65.1146, -12.0126, -1.3780

Details

The XYZ color **37.1857, 42.3991, 51.5713** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.3410, 34.7849, 32.8165**, and the grayscale version is **38.6293, 40.6411, 44.2581**.

A 20% lighter version of the original color is **70.3522, 78.9787, 93.9745**, and **16.6159, 19.3588, 24.3336** is the 20% darker color. If you saturate the color by 10%, you get **33.7093, 40.0002, 51.2922**, and if you desaturate by 10%, it is **41.1997, 45.0864, 51.8791**.

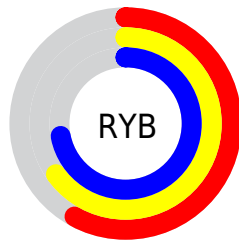
Distribution



Red (58%)

Green (71%)

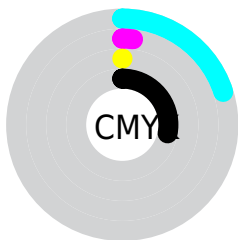
Blue (72%)



Red (58%)

Yellow (65%)

Blue (72%)

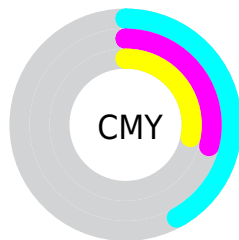


Cyan (20%)

Magenta (2%)

Yellow (0%)

Black (28%)



Cyan (42%)

Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1857, 42.3991, 51.5713 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 37.1857, 42.3991, 51.5713 by changing the saturation by 10% instead.

■ 37.1857, 42.3991,
51.5713

■ 37.1857, 42.3991,
51.5713

325.4554,
356.1347, 409.6891

■ 25.5256, 29.4139,
36.2836

■ 70.1703, 78.8033,
93.9188

■ 16.5999, 19.3942,
24.3619

■ 92.2255, 102.9911,
121.8157

■ 10.0432, 11.9554,
15.3876

118.4765,
131.6819, 154.7528

■ 5.4901, 6.7133,
8.9422

149.2886,
165.2601, 193.1485

■ 2.5753, 3.2835,
4.6072

185.0272,
204.1101, 237.4215

■ 0.9334, 1.2815,
1.9640

226.0576,

■ 0.0000, 0.1268,

248.6162, 287.9902

0.5330

272.7452,
299.1630, 345.2732

■ 0.0000, 0.0000,
0.0000

■ 37.1857, 42.3991,
51.5713

■ 37.1857, 42.3991,
51.5713

■ 33.7093, 40.0002,
51.2922

■ 41.1997, 45.0864,
51.8791

■ 30.7419, 37.8716,
51.0377

■ 45.7709, 48.0688,
52.2139

■ 28.2577, 36.0011,
50.8076

■ 50.9226, 51.3596,
52.5775

■ 26.2273, 34.3733,
50.6004

■ 56.6753, 54.9695,
52.9711

■ 24.6178, 32.9715,
50.4147

■ 63.0489, 58.9085,
53.3955

■ 23.3921, 31.7764,
50.2486

■ 68.7992, 62.5355,
53.7925

■ 22.5064, 30.7653,
50.1001

■ 69.2518, 63.4407,
53.9433

■ 21.8763, 29.8947,
49.9653

■ 69.7106, 64.3583,
54.0963

■ 21.8504, 29.8578,
49.9595

■ 70.1757, 65.2885,
54.2513

Harmonies

Analogous

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



36.7318, 42.3991, 46.0971



37.1857, 42.3991, 51.5713



38.4679, 42.3991, 55.8630

Triad

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



37.1857, 42.3991, 51.5713



43.5564, 42.3991, 51.6988



40.3229, 42.3991, 36.4127

Complementary

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



37.1857, 42.3991, 51.5713



36.3410, 34.7849, 32.8165

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.



42.1875, 42.3991, 37.6606



37.1857, 42.3991, 51.5713



44.0901, 42.3991, 46.2338

Square

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



37.1857, 42.3991, 51.5713



42.1449, 42.3991, 55.9406



43.5815, 42.3991, 41.1511



38.5079, 42.3991, 37.6010

Rectangle

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



37.1857, 42.3991, 51.5713



39.6405, 42.3991, 57.3216



43.5815, 42.3991, 41.1511



40.9649, 42.3991, 36.5596

Sweetspot

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



37.1869, 42.4008, 51.5723



77.4387, 83.5412, 94.2482



34.9887, 42.8315, 35.9582



16.5818, 17.9361, 20.3097



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.



37.1869, 42.4008, 51.5723



64.8903, 75.1399, 93.2880



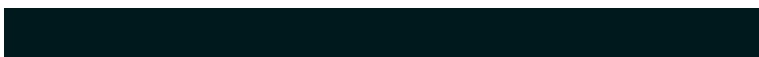
33.8561, 35.7392, 50.4620



9.1792, 10.0357, 11.5327



15.0911, 20.6418, 34.4420



0.5564, 0.7766, 1.2223

Inverse Universe

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



38.5962, 34.6663, 47.8390



67.8831, 58.9070, 85.3169



39.4130, 40.9289, 33.8405



9.3368, 9.1451, 11.1211



18.2309, 8.8661, 24.9007



0.6550, 0.3175, 0.9428

Previews

White Background



This preview shows how the XYZ color 37.1857, 42.3991, 51.5713 looks on a white background.

Color Contrast Check

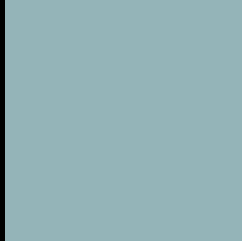
Large Text (above 18pt) WCAG AA × Fail

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 37.1857, 42.3991, 51.5713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

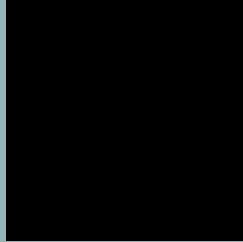
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1857, 42.3991, 51.5713

Background



This preview shows how black text looks on a background with the XYZ color 37.1857, 42.3991, 51.5713.



This preview shows how white text looks on a background with the XYZ color 37.1857, 42.3991,

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

37.1857, 42.3991, 51.5713

Protanopia

40.8610, 42.2964, 49.1904

Deuteranopia

43.0585, 42.2354, 52.3372



Tritanopia

38.3234, 42.5745, 56.6499

Trichromacy



Original Color

37.1857, 42.3991, 51.5713

Protanomaly

39.3829, 42.3862, 49.8217

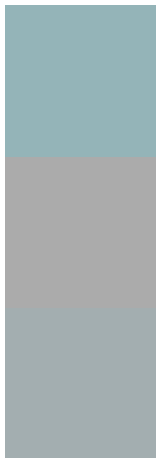
Deuteranomaly

40.7138, 42.1606, 51.8909

Tritanomaly

37.8088, 42.3475, 54.8963

Monochromacy



Original Color

37.1857, 42.3991, 51.5713

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.0768, 41.1932, 47.0185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1857, 42.3991, 51.5713 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, 180, 184) looks like.

```
.text, #text, p{  
    color:rgb(148, 180, 184)  
}
```

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, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 180, 184) }
```

Border

The CSS property to change the border of an element to XYZ 37.1857, 42.3991, 51.5713 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, 180, 184) }
```


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

```
.border{ border-color:rgb(148, 180, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 180, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(148, 180,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1857, 42.3991, 51.5713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 180, 184) }
```

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

```
.background{ background-color: rgb(148,  
180, 184) }
```

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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