

Converting Colors

XYZ(37.6211, 41.3393, 50.5341)

Have a look what the booklet for
XYZ(37.6211, 41.3393, 50.5341)
contains.

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Color

**XYZ(37.7829, 41.5375,
50.8259)**

Conversions

Conversions Part 1

Format	Color
Hex	9CB0B7
RGB	156, 176, 183
RGB Percent	61%, 69%, 72%
CMY	0.3882, 0.3098, 0.2823
CMYK	0.15, 0.04, 0.00, 0.28
HSL	196°, 16%, 66%
HSV	196°, 15%, 72%
XYZ	37.7829, 41.5375, 50.8259
YIQ	170.8180, -14.1670, -2.0630

Conversions

Conversions Part 2

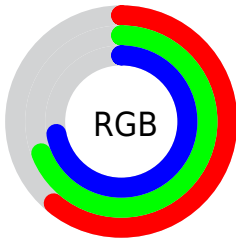
Format	Color
R _Y B	156, 167, 183
Decimal	10268855
CIE Lab	70.55, -5.42, -5.92
CIE LCh	71, 8.029, 227.499
Yxy	41.5375, 0.2903, 0.3192
Android (android.graphics.Color)	4288458935 (0xFF9CB0B7)
YUV	170.8180, 6.0057, -12.9954
Hunter-Lab	64.4496, -8.1430, -1.6423

Details

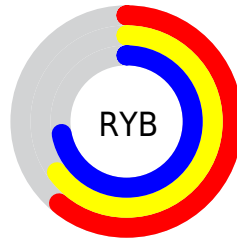
The XYZ color **37.7829, 41.5375, 50.8259** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6267, 38.6619, 36.8800**, and the grayscale version is **38.5943, 40.6042, 44.2180**.

A 20% lighter version of the original color is **71.3006, 77.7941, 92.9192**, and **16.9458, 18.9701, 23.8875** is the 20% darker color. If you saturate the color by 10%, you get **33.5916, 38.0213, 50.3688**, and if you desaturate by 10%, it is **42.5427, 45.3971, 51.3207**.

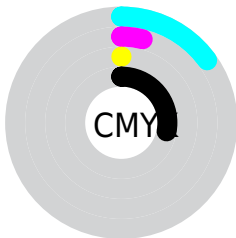
Distribution



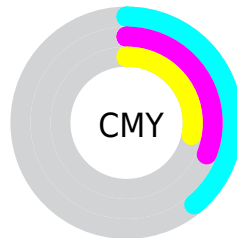
- Red (61%)
- Green (69%)
- Blue (72%)



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



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (28%)



- Cyan (39%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7829, 41.5375, 50.8259 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 37.7829, 41.5375, 50.8259 by changing the saturation by 10% instead.

■ 37.7829, 41.5375,
50.8259

■ 37.7829, 41.5375,
50.8259

327.9847,
352.5621, 406.7142

■ 25.9907, 28.7393,
35.6943

■ 71.0813, 77.4992,
92.8062

■ 16.9493, 18.8837,
23.9104

■ 93.3182, 101.4314,
120.4921

■ 10.2934, 11.5863,
15.0556

119.7674,
129.8439, 153.1997

■ 5.6577, 6.4626,
8.7113

150.7942,
163.1208, 191.3477

■ 2.6767, 3.1284,
4.4591

186.7639,
201.6468, 235.3546

■ 0.9852, 1.1991,
1.8805

228.0421,

■ 0.0000, 0.0610,

245.8060, 285.6390

0.4803

274.9939,
295.9830, 342.6193

■ 0.0000, 0.0000,
0.0000

■ 37.7829, 41.5375,
50.8259

■ 37.7829, 41.5375,
50.8259

■ 33.5916, 38.0213,
50.3688

■ 42.5427, 45.3971,
51.3207

■ 29.9410, 34.8306,
49.9453

■ 47.8899, 49.6072,
51.8515

■ 26.8064, 31.9531,
49.5551

■ 53.8471, 54.1810,
52.4203

■ 24.1596, 29.3739,
49.1968

■ 60.4346, 59.1293,
53.0282

■ 21.9698, 27.0765,
48.8687

■ 67.6716, 64.4625,
53.6762

■ 20.2022, 25.0425,
48.5693

■ 71.4899, 68.0840,
54.1740

■ 18.8167, 23.2506,
48.2965

■ 72.6378, 70.3798,
54.5566

■ 17.7648, 21.6755,
48.0479

■ 73.8203, 72.7449,
54.9508

■ 17.2915, 20.9073,
47.9245

■ 75.0378, 75.1799,
55.3566

Harmonies

Analogous

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



37.0986, 41.5375, 47.4581



37.7829, 41.5375, 50.8259



38.9309, 41.5375, 52.7355

Triad

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



37.7829, 41.5375, 50.8259



42.0214, 41.5375, 46.8260



38.7186, 41.5375, 38.6159

Complementary

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



37.7829, 41.5375, 50.8259



38.6267, 38.6619, 36.8800

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.



40.0345, 41.5375, 38.4678



37.7829, 41.5375, 50.8259



41.9615, 41.5375, 43.0675

Square

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



37.7829, 41.5375, 50.8259



41.3895, 41.5375, 50.3409



41.2275, 41.5375, 40.0557



37.6305, 41.5375, 40.4722

Rectangle

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



37.7829, 41.5375, 50.8259



39.8138, 41.5375, 52.8582



41.2275, 41.5375, 40.0557



39.1484, 41.5375, 38.3686

Sweetspot

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



37.7841, 41.5392, 50.8268



76.8165, 81.8025, 91.9765



37.2330, 43.5710, 40.9815



16.8154, 17.9472, 20.2995



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.



37.7841, 41.5392, 50.8268



64.8952, 72.0939, 90.7309



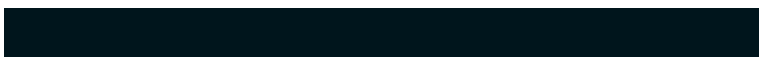
35.3112, 36.5933, 50.0025



9.0644, 9.8060, 11.4944



12.1204, 14.7006, 33.4517



0.4743, 0.6124, 1.1949

Inverse Universe

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



39.2544, 36.9797, 46.1452



68.1096, 62.3161, 80.4525



41.1043, 43.6171, 37.7058



9.2788, 9.1219, 10.8158



16.7315, 8.2664, 17.0048



0.6136, 0.3009, 0.7246

Previews

White Background



This preview shows how the XYZ color 37.7829, 41.5375, 50.8259 looks on a white background.

Color Contrast Check

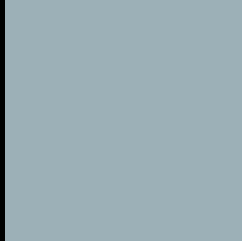
Large Text (above 18pt) WCAG AA × Fail

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 37.7829, 41.5375, 50.8259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

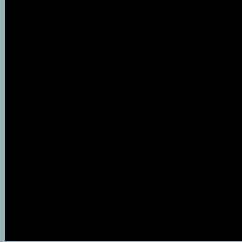
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

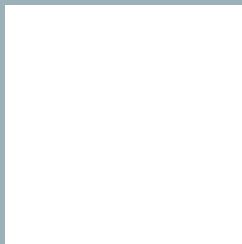
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.7829, 41.5375, 50.8259

Background



This preview shows how black text looks on a background with the XYZ color 37.7829, 41.5375, 50.8259.



This preview shows how white text looks on a background with the XYZ color 37.7829, 41.5375,

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

37.7829, 41.5375, 50.8259

Protanopia

40.0347, 41.3053, 49.0427

Deuteranopia

42.1041, 41.2075, 51.6337



Tritanopia

38.4199, 41.5022, 54.1299

Trichromacy



Original Color

37.7829, 41.5375, 50.8259

Protanomaly

39.2204, 41.4388, 49.6474

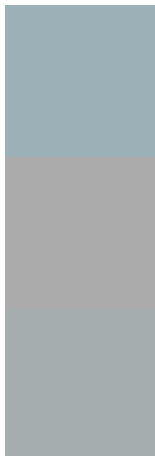
Deuteranomaly

40.2600, 41.0944, 51.1575

Tritanomaly

38.2042, 41.4159, 52.9942

Monochromacy



Original Color

37.7829, 41.5375, 50.8259

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.4073, 41.0893, 46.4642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7829, 41.5375, 50.8259 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(156, 176, 183) looks like.

```
.text, #text, p{  
    color:rgb(156, 176, 183)  
}
```

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(156, 176, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 176, 183) }
```

Border

The CSS property to change the border of an element to XYZ 37.7829, 41.5375, 50.8259 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(156, 176, 183) }
```


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

```
.border{ border-color:rgb(156, 176, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 176, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 176, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 176, 183);  
box-shadow:4px 4px 4px 4px rgb(156, 176,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7829, 41.5375, 50.8259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 176, 183) }
```

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

```
.background{ background-color: rgb(156,  
176, 183) }
```

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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