

Converting Colors

XYZ(37.1358, 49.0088, 52.1852)

Have a look what the booklet for
XYZ(37.1358, 49.0088, 52.1852)
contains.

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Color

**XYZ(37.3190, 49.2571,
52.3404)**

Conversions

Conversions Part 1

Format	Color
Hex	79C9B7
RGB	121, 201, 183
RGB Percent	47%, 79%, 72%
CMY	0.5255, 0.2118, 0.2823
CMYK	0.40, 0.00, 0.09, 0.21
HSL	166°, 43%, 63%
HSV	166°, 40%, 79%
XYZ	37.3190, 49.2571, 52.3404
YIQ	175.0280, -41.9020, -22.5580

Conversions

Conversions Part 2

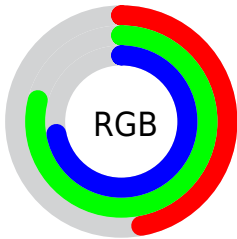
Format	Color
RYB	121, 166, 201
Decimal	7981495
CIELab	75.61, -28.75, 1.28
CIELCh	76, 28.775, 177.453
Yxy	49.2571, 0.2686, 0.3546
Android (android.graphics.Color)	4286171575 (0xFF79C9B7)
YUV	175.0280, 3.9302, -47.3826
Hunter-Lab	70.1834, -27.9062, 4.9119

Details

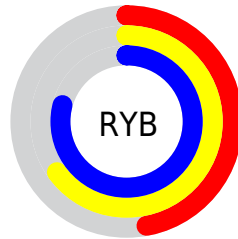
The XYZ color **37.3190, 49.2571, 52.3404** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **35.5866, 27.9576, 27.9486**, and the grayscale version is **40.7590, 42.8816, 46.6981**.

A 20% lighter version of the original color is **69.4714, 87.0991, 94.8116**, and **16.7097, 23.6374, 24.8009** is the 20% darker color. If you saturate the color by 10%, you get **34.3274, 47.7696, 49.7830**, and if you desaturate by 10%, it is **40.9154, 51.0571, 55.0072**.

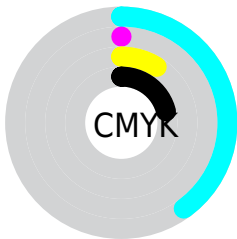
Distribution



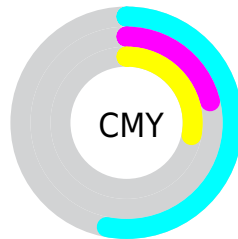
- Red (47%)
- Green (79%)
- Blue (72%)



- Red (47%)
- Yellow (65%)
- Blue (79%)



- Cyan (40%)
- Magenta (0%)
- Yellow (9%)
- Black (21%)



- Cyan (53%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3190, 49.2571, 52.3404 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 37.3190, 49.2571, 52.3404 by changing the saturation by 10% instead.

■ 37.3190, 49.2571,
52.3404

■ 37.3190, 49.2571,
52.3404

326.0212,
383.7536, 412.7436

■ 25.6294, 34.8235,
36.8924

■ 70.3738, 89.0732,
95.0648

■ 16.6778, 23.5269,
24.8290

■ 92.4697, 115.2244,
123.1781

■ 10.0989, 14.9831,
15.7319

■ 118.7650,
146.0503, 156.3504

■ 5.5274, 8.8075,
9.1823

149.6252,
181.9353, 195.0001

■ 2.5978, 4.6158,
4.7619

185.4155,
223.2637, 239.5457

■ 0.9448, 2.0237,
2.0519

226.5014,

■ 0.0000, 0.6212,

270.4200, 290.4058

0.5869

273.2482,
323.7885, 347.9989

■ 0.0000, 0.0000,
0.0000

■ 37.3190, 49.2571,
52.3404

■ 37.3190, 49.2571,
52.3404

■ 34.3274, 47.7696,
49.7830

■ 40.9154, 51.0571,
55.0072

■ 31.8995, 46.5698,
47.3292

■ 45.1461, 53.1811,
57.7824

■ 29.9957, 45.6385,
44.9774


■ 50.0437, 55.6470,
60.6691


■ 28.5694, 44.9516,
42.7248


■ 55.6373, 58.4700,
63.6696


■ 27.5653, 44.4806,
40.5679


■ 61.9541, 61.6640,
66.7857


 26.8817, 44.1732,
38.5013

 69.0202, 65.2425,
70.0194

 26.8690, 44.1676,
38.4609

 74.3499, 67.9240,
73.2551

 74.9382, 68.1593,
76.3526

 75.5426, 68.4010,
79.5354

Harmonies

Analogous

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



38.7091, 49.2571, 39.3581



37.3190, 49.2571, 52.3404



38.3098, 49.2571, 68.3124

Triad

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



37.3190, 49.2571, 52.3404



51.6961, 49.2571, 84.0751



52.5424, 49.2571, 32.5245

Complementary

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



37.3190, 49.2571, 52.3404



35.5866, 27.9576, 27.9486

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.



56.4996, 49.2571, 41.2226



37.3190, 49.2571, 52.3404



55.9856, 49.2571, 70.9982

Square

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



37.3190, 49.2571, 52.3404



46.3640, 49.2571, 88.5679



57.8045, 49.2571, 54.9459



47.2737, 49.2571, 29.3559

Rectangle

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



37.3190, 49.2571, 52.3404



40.2321, 49.2571, 78.2550



57.8045, 49.2571, 54.9459



54.0848, 49.2571, 34.8067

Sweetspot

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



37.3204, 49.2591, 52.3415



83.5856, 94.2157, 102.6799



35.0984, 48.7023, 25.6406



17.6465, 20.0430, 21.8365



0.0000, 0.0000, 0.0000



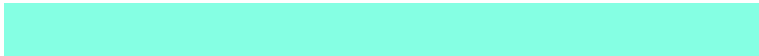
20.3446, 21.4041, 23.3091

Same Dimension

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



37.3204, 49.2591, 52.3415



59.2982, 82.0454, 85.7153



34.6833, 40.7918, 61.3062



10.8406, 12.0251, 13.1109



16.9294, 27.7841, 24.3708



0.8275, 1.3259, 1.2901

Inverse Universe

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



35.5866, 27.9576, 27.9486



55.9305, 40.4688, 38.1867



37.2628, 33.2447, 22.5429



10.7300, 10.6754, 11.5614



15.4749, 7.9395, 2.4445



0.7611, 0.3873, 0.2653

Previews

White Background



This preview shows how the XYZ color 37.3190, 49.2571, 52.3404 looks on a white background.

Color Contrast Check

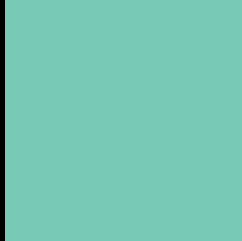
Large Text (above 18pt) WCAG AA × Fail

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 37.3190, 49.2571, 52.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

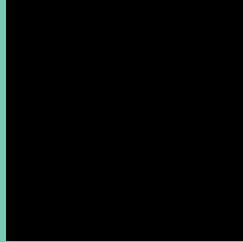
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3190, 49.2571, 52.3404

Background



This preview shows how black text looks on a background with the XYZ color 37.3190, 49.2571, 52.3404.

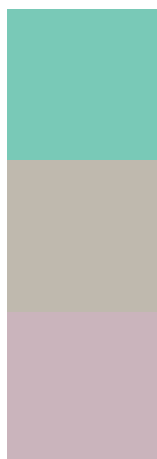


This preview shows how white text looks on a background with the XYZ color 37.3190, 49.2571,

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

37.3190, 49.2571, 52.3404

Protanopia

46.4748, 48.8303, 47.0201

Deuteranopia

49.7555, 48.8299, 54.3797



Tritanopia

41.0298, 49.4037, 70.3242

Trichromacy



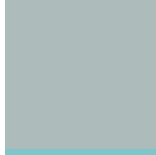
Original Color

37.3190, 49.2571, 52.3404



Protanomaly

42.2925, 48.5429, 48.7356



Deuteranomaly

44.0797, 48.3958, 53.4725



Tritanomaly

39.4589, 49.0881, 63.2724

Monochromacy



Original Color

37.3190, 49.2571, 52.3404



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

38.6939, 44.4639, 48.6625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3190, 49.2571, 52.3404 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(121, 201, 183)` looks like.

```
.text, #text, p{  
    color:rgb(121, 201, 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(121, 201, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 201, 183) }
```

Border

The CSS property to change the border of an element to XYZ 37.3190, 49.2571, 52.3404 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(121, 201, 183) }
```


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

```
.border{ border-color:rgb(121, 201, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 201, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 201, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 201, 183);  
box-shadow:4px 4px 4px 4px rgb(121, 201,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3190, 49.2571, 52.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 201, 183) }
```

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

```
.background{ background-color: rgb(121,  
201, 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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