

Converting Colors

XYZ(32.7793, 41.3510, 50.8492)

Have a look what the booklet for
XYZ(32.7793, 41.3510, 50.8492)
contains.

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Color

**XYZ(32.8902, 41.4129,
51.0597)**

Conversions

Conversions Part 1

Format	Color
Hex	74B8B7
RGB	116, 184, 183
RGB Percent	45%, 72%, 72%
CMY	0.5451, 0.2784, 0.2823
CMYK	0.37, 0.00, 0.01, 0.28
HSL	179°, 32%, 59%
HSV	179°, 37%, 72%
XYZ	32.8902, 41.4129, 51.0597
YIQ	163.5540, -40.2070, -14.7270

Conversions

Conversions Part 2

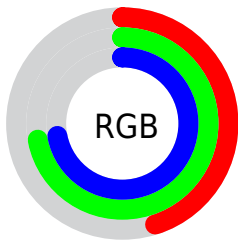
Format	Color
R _Y B	116, 150, 184
Decimal	7649463
CIE Lab	70.46, -21.66, -6.31
CIE LCh	70, 22.559, 196.234
Yxy	41.4129, 0.2624, 0.3303
Android (android.graphics.Color)	4285839543 (0xFF74B8B7)
YUV	163.5540, 9.5869, -41.7049
Hunter-Lab	64.3529, -21.3877, -1.9957

Details

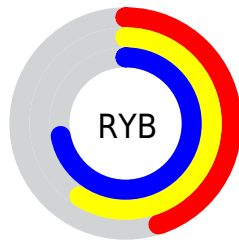
The XYZ color **32.8902, 41.4129, 51.0597** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **29.2249, 23.9667, 19.9169**, and the grayscale version is **35.0455, 36.8705, 40.1520**.

A 20% lighter version of the original color is **63.5347, 77.2101, 93.2158**, and **14.1322, 18.8684, 24.0162** is the 20% darker color. If you saturate the color by 10%, you get **30.6546, 40.2647, 50.8088**, and if you desaturate by 10%, it is **35.6128, 42.8142, 51.3355**.

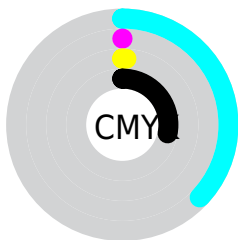
Distribution



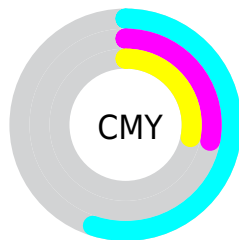
- Red (45%)
- Green (72%)
- Blue (72%)



- Red (45%)
- Yellow (59%)
- Blue (72%)



- Cyan (37%)
- Magenta (0%)
- Yellow (1%)
- Black (28%)



- Cyan (55%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8902, 41.4129, 51.0597 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 32.8902, 41.4129, 51.0597 by changing the saturation by 10% instead.

■ 32.8902, 41.4129,
51.0597

■ 32.8902, 41.4129,
51.0597

306.8284,
352.0434, 407.6489

■ 22.2012, 28.6419,
35.8791

■ 63.5599, 77.3103,
93.1554

■ 14.1222, 18.8101,
24.0519

■ 84.2713, 101.2054,
120.9076

■ 8.2880, 11.5331,
15.1595

■ 109.0541,
129.5774, 153.6873

■ 4.3331, 6.4266,
8.7836

138.2739,
162.8106, 191.9132

■ 1.8923, 3.1062,
4.5054

172.2958,
201.2894, 236.0038

■ 0.5723, 1.1874,
1.9065

211.4853,

■ 0.0000, 0.0514,

245.3982, 286.3775

0.4969

256.2077,
295.5214, 343.4531

■ 0.0000, 0.0000,
0.0000

■ 32.8902, 41.4129,
51.0597

■ 32.8902, 41.4129,
51.0597

■ 30.6546, 40.2647,
50.8088

■ 35.6128, 42.8142,
51.3355

■ 28.8735, 39.3497,
50.5785

■ 38.8450, 44.4772,
51.6346

■ 27.5164, 38.6534,
50.3683

■ 42.6126, 46.4162,
51.9589

■ 26.5474, 38.1571,
50.1766

■ 46.9384, 48.6429,
52.3097

■ 25.9248, 37.8393,
50.0014

■ 51.8442, 51.1686,
52.6880

■ 25.5902, 37.6701,
49.8399

■ 57.3501, 54.0038,
53.0946

■ 25.5116, 37.6306,
49.7919

■ 63.4758, 57.1584,
53.5304

■ 67.1562, 59.0524,
53.8522

■ 67.1849, 59.0639,
54.0033

Harmonies

Analogous

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



32.8196, 41.4129, 40.3938



32.8902, 41.4129, 51.0597



34.6217, 41.4129, 61.5489

Triad

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



32.8902, 41.4129, 51.0597



44.7524, 41.4129, 60.7850



41.0872, 41.4129, 27.9885

Complementary

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



32.8902, 41.4129, 51.0597



29.2249, 23.9667, 19.9169

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.



44.5157, 41.4129, 31.8653



32.8902, 41.4129, 51.0597



46.7201, 41.4129, 50.1402

Square

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



32.8902, 41.4129, 51.0597



41.3939, 41.4129, 67.7395



46.6309, 41.4129, 39.6077



37.3972, 41.4129, 28.1548

Rectangle

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



32.8902, 41.4129, 51.0597



36.5509, 41.4129, 66.5402



46.6309, 41.4129, 39.6077



42.3131, 41.4129, 28.8321

Sweetspot

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



32.8914, 41.4145, 51.0607



74.2352, 82.5901, 93.9316



27.6482, 39.3348, 22.6591



15.8059, 17.7030, 20.2327



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.



32.8914, 41.4145, 51.0607



56.3944, 73.4127, 92.1989



26.9435, 29.3512, 49.5945



9.2608, 10.2083, 11.5308



17.5842, 25.9346, 34.3278



0.6217, 0.9150, 1.2198

Inverse Universe

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



29.2249, 23.9667, 19.9169



48.8194, 37.3587, 27.8509



33.6474, 32.9055, 21.1019



9.0098, 9.0143, 9.3992



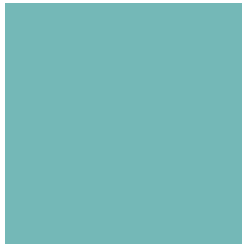
13.6359, 7.0281, 0.7037



0.4825, 0.2485, 0.0344

Previews

White Background



This preview shows how the XYZ color 32.8902, 41.4129, 51.0597 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 32.8902, 41.4129, 51.0597 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 32.8902, 41.4129, 51.0597

Background



This preview shows how black text looks on a background with the XYZ color 32.8902, 41.4129, 51.0597.

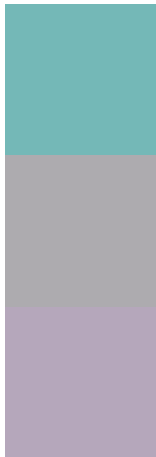


This preview shows how white text looks on a background with the XYZ color 32.8902, 41.4129,

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

32.8902, 41.4129, 51.0597

Protanopia

39.5344, 41.1052, 46.4079

Deuteranopia

41.8444, 41.0490, 52.7315



Tritanopia

34.5517, 41.4802, 59.0087

Trichromacy



Original Color

32.8902, 41.4129, 51.0597

Protanomaly

36.5101, 40.9404, 48.0975

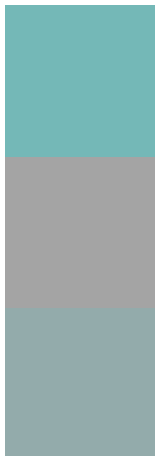
Deuteranomaly

37.7111, 40.6004, 52.3034

Tritanomaly

34.0557, 41.5947, 56.1028

Monochromacy



Original Color

32.8902, 41.4129, 51.0597

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

33.9462, 38.2691, 44.1256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8902, 41.4129, 51.0597 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(116, 184, 183)` looks like.

```
.text, #text, p{  
    color:rgb(116, 184, 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(116, 184, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 184, 183) }
```

Border

The CSS property to change the border of an element to XYZ 32.8902, 41.4129, 51.0597 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(116, 184, 183) }
```


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

```
.border{ border-color:rgb(116, 184, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 184, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 184, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 184, 183);  
box-shadow:4px 4px 4px 4px rgb(116, 184,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8902, 41.4129, 51.0597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 184, 183) }
```

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

```
.background{ background-color: rgb(116,  
184, 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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