

Converting Colors

XYZ(32.7290, 41.8102, 43.3910)

Have a look what the booklet for
XYZ(32.7290, 41.8102, 43.3910)
contains.

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Color

**XYZ(32.7290, 41.8102,
43.3910)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB9A8
RGB	124, 185, 168
RGB Percent	49%, 73%, 66%
CMY	0.5137, 0.2745, 0.3412
CMYK	0.33, 0.00, 0.09, 0.27
HSL	163°, 30%, 61%
HSV	163°, 33%, 73%
XYZ	32.7290, 41.8102, 43.3910
YIQ	164.8230, -30.8990, -18.2190

Conversions

Conversions Part 2

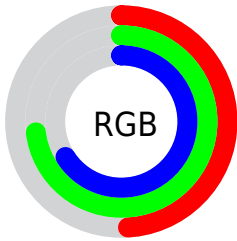
Format	Color
RYB	124, 159, 185
Decimal	8173992
CIELab	70.74, -23.42, 2.37
CIELCh	71, 23.542, 174.214
Yxy	41.8102, 0.2775, 0.3545
Android (android.graphics.Color)	4286364072 (0xFF7CB9A8)
YUV	164.8230, 1.5663, -35.8018
Hunter-Lab	64.6608, -22.8061, 5.4757

Details

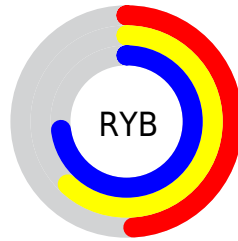
The XYZ color **32.7290, 41.8102, 43.3910** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.0243, 26.6537, 28.6576**, and the grayscale version is **35.6836, 37.5420, 40.8832**.

A 20% lighter version of the original color is **63.1347, 77.7033, 81.4827**, and **14.0761, 19.1412, 19.4757** is the 20% darker color. If you saturate the color by 10%, you get **29.8315, 40.3720, 40.7979**, and if you desaturate by 10%, it is **36.1495, 43.5180, 46.1098**.

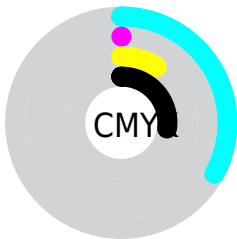
Distribution



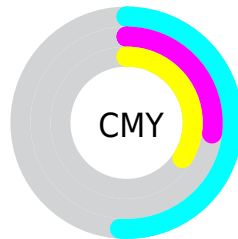
- Red (49%)
- Green (73%)
- Blue (66%)



- Red (49%)
- Yellow (62%)
- Blue (73%)



- Cyan (33%)
- Magenta (0%)
- Yellow (9%)
- Black (27%)





- Cyan (51%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7290, 41.8102, 43.3910 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 32.7290, 41.8102, 43.3910 by changing the saturation by 10% instead.


 32.7290, 41.8102,
43.3910


 32.7290, 41.8102,
43.3910


306.1134,
353.6955, 376.1856


 22.0772, 28.9527,
29.8583


 63.3097, 77.9123,
81.5932

 14.0305, 19.0450,
19.4800


 83.9693, 101.9257,
107.0999

 8.2237, 11.7028,
11.8373


 108.6955,
130.4265, 137.4350

 4.2915, 6.5417,
6.5118

137.8537,
163.7991, 173.0170

 1.8683, 3.1772,
3.0849

171.8093,
202.4279, 214.2646

 0.5583, 1.2249,
1.1382

210.9275,

 0.0000, 0.0819,

246.6973, 261.5962

0.0000

255.5738,
296.9917, 315.4304

■ 0.0000, 0.0000,
0.0000

■ 32.7290, 41.8102,
43.3910

■ 32.7290, 41.8102,
43.3910

■ 29.8315, 40.3720,
40.7979

■ 36.1495, 43.5180,
46.1098

■ 27.4251, 39.1837,
38.3252

■ 40.1156, 45.5038,
48.9538

■ 25.4799, 38.2310,
35.9713

■ 44.6529, 47.7817,
51.9263

■ 23.9612, 37.4960,
33.7333

■ 49.7841, 50.3636,
55.0293

■ 22.8290, 36.9582,
31.6082

■ 55.5309, 53.2605,
58.2649

■ 22.0356, 36.5930,
29.5925

■ 61.9138, 56.4830,
61.6352

■ 21.6139, 36.4051,
28.2378

■ 68.9522, 60.0411,
65.1420

■ 70.1296, 60.5754,
68.4815

■ 70.7796, 60.8354,
71.9042

Harmonies

Analogous

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



33.9556, 41.8102, 34.0744



32.7290, 41.8102, 43.3910



33.2787, 41.8102, 54.9232

Triad

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



32.7290, 41.8102, 43.3910



42.8983, 41.8102, 68.0810



44.2926, 41.8102, 30.2167

Complementary

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



32.7290, 41.8102, 43.3910



32.0243, 26.6537, 28.6576

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.



46.9863, 41.8102, 37.2637



32.7290, 41.8102, 43.3910



46.1451, 41.8102, 59.2885

Square

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



32.7290, 41.8102, 43.3910



38.9873, 41.8102, 70.4379



47.6854, 41.8102, 47.7262



40.5010, 41.8102, 27.3101

Rectangle

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



32.7290, 41.8102, 43.3910



34.5981, 41.8102, 62.2218



47.6854, 41.8102, 47.7262



45.3662, 41.8102, 32.1179

Sweetspot

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



32.7302, 41.8119, 43.3920



74.0218, 82.5858, 89.1445



32.0211, 41.8425, 25.4581



15.7224, 17.6858, 19.0597



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.



32.7302, 41.8119, 43.3920



54.5493, 72.8597, 74.1236



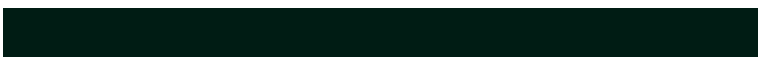
31.7817, 37.2120, 51.4086



9.1570, 10.1668, 10.9842



14.7486, 24.8004, 19.3961



0.5448, 0.8842, 0.8147

Inverse Universe

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



32.0243, 26.6537, 28.6576



53.0866, 41.2877, 43.4716



32.6235, 29.7236, 23.0871



9.1047, 9.0523, 9.8990



14.0659, 7.2001, 2.9681



0.5231, 0.2647, 0.2480

Previews

White Background



This preview shows how the XYZ color 32.7290, 41.8102, 43.3910 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 32.7290, 41.8102, 43.3910 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 32.7290, 41.8102, 43.3910

Background



This preview shows how black text looks on a background with the XYZ color 32.7290, 41.8102, 43.3910.

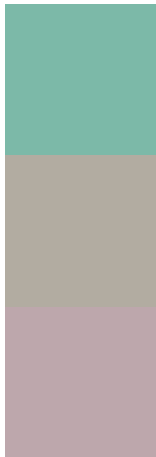


This preview shows how white text looks on a background with the XYZ color 32.7290, 41.8102,

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

32.7290, 41.8102, 43.3910

Protanopia

39.5456, 41.5432, 39.6526

Deuteranopia

42.2514, 41.4348, 44.8006



Tritanopia

35.6936, 41.7791, 58.4075

Trichromacy



Original Color

32.7290, 41.8102, 43.3910

Protanomaly

36.5235, 41.3937, 41.1867

Deuteranomaly

38.0038, 41.2117, 44.4797

Tritanomaly

34.4930, 41.5903, 52.6641

Monochromacy



Original Color

32.7290, 41.8102, 43.3910

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.2131, 38.7423, 41.7512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7290, 41.8102, 43.3910 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(124, 185, 168)` looks like.

```
.text, #text, p{  
    color:rgb(124, 185, 168)  
}
```

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(124, 185, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 185, 168) }
```

Border

The CSS property to change the border of an element to XYZ 32.7290, 41.8102, 43.3910 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(124, 185, 168) }
```


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

```
.border{ border-color:rgb(124, 185, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 185, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 185, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 185, 168);  
box-shadow:4px 4px 4px 4px rgb(124, 185,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7290, 41.8102, 43.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 185, 168) }
```

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

```
.background{ background-color: rgb(124,  
185, 168) }
```

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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