

Converting Colors

XYZ(37.2792, 49.2523, 48.5607)

Have a look what the booklet for
XYZ(37.2792, 49.2523, 48.5607)
contains.

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Color

**XYZ(37.3273, 49.3435,
48.6312)**

Conversions

Conversions Part 1

Format	Color
Hex	7EC9B0
RGB	126, 201, 176
RGB Percent	49%, 79%, 69%
CMY	0.5059, 0.2117, 0.3098
CMYK	0.37, 0.00, 0.12, 0.21
HSL	160°, 41%, 64%
HSV	160°, 37%, 79%
XYZ	37.3273, 49.3435, 48.6312
YIQ	175.7250, -36.6750, -23.6750

Conversions

Conversions Part 2

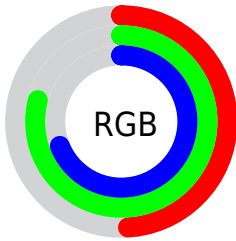
Format	Color
RYB	126, 171, 201
Decimal	8309168
CIELab	75.66, -28.95, 5.16
CIElCh	76, 29.407, 169.888
Yxy	49.3435, 0.2759, 0.3647
Android (android.graphics.Color)	4286499248 (0xFF7EC9B0)
YUV	175.7250, 0.1356, -43.6088
Hunter-Lab	70.2449, -28.0759, 8.1244

Details

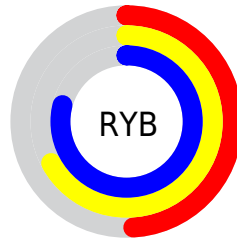
The XYZ color **37.3273, 49.3435, 48.6312** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **37.1358, 29.5748, 33.0313**, and the grayscale version is **41.1377, 43.2801, 47.1320**.

A 20% lighter version of the original color is **69.3815, 87.1700, 89.5126**, and **16.7443, 23.7004, 22.7609** is the 20% darker color. If you saturate the color by 10%, you get **34.0095, 47.7091, 45.1007**, and if you desaturate by 10%, it is **41.2761, 51.3020, 52.3642**.

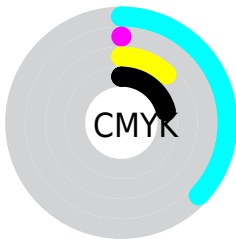
Distribution



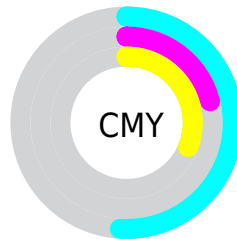
- Red (49%)
- Green (79%)
- Blue (69%)



- Red (49%)
- Yellow (67%)
- Blue (79%)



- Cyan (37%)
- Magenta (0%)
- Yellow (12%)
- Black (21%)




- Cyan (51%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3273, 49.3435, 48.6312 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 37.3273, 49.3435, 48.6312 by changing the saturation by 10% instead.


 37.3273, 49.3435,
48.6312

 37.3273, 49.3435,
48.6312


326.0564,
384.0930, 397.8693

 25.6358, 34.8920,
33.9635


 70.3865, 89.2014,
89.5188

 16.6827, 23.5797,
22.5884


 92.4849, 115.3767,
116.5757

 10.1024, 15.0222,
14.0875


 118.7830,
146.2286, 148.5994

 5.5297, 8.8349,
8.0421

149.6461,
182.1417, 186.0085

 2.5992, 4.6337,
4.0337

185.4397,
223.5003, 229.2215

 0.9455, 2.0340,
1.6439

226.5290,

 0.0000, 0.6271,

270.6888, 278.6569

0.3218

273.2795,
324.0916, 334.7334

■ 0.0000, 0.0000,
0.0000

■ 37.3273, 49.3435,
48.6312

■ 37.3273, 49.3435,
48.6312

■ 34.0095, 47.7091,
45.1007

■ 41.2761, 51.3020,
52.3642

■ 31.2821, 46.3741,
41.7653

■ 45.8851, 53.5956,
56.3002

■ 29.1065, 45.3199,
38.6216


■ 51.1866, 56.2424,
60.4443


■ 27.4371, 44.5230,
35.6650

■ 57.2095, 59.2572,
64.8000


■ 26.2209, 43.9562,
32.8903


■ 63.9811, 62.6539,
69.3708


 25.3847, 43.5817,
30.2916

 71.5272, 66.4459,
74.1603

 25.1905, 43.4962,
29.6215

 75.4341, 68.3577,
78.9639

 76.3552, 68.7261,
83.8144

 77.3125, 69.1090,
88.8554

Harmonies

Analogous

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



39.3381, 49.3435, 36.6281



37.3273, 49.3435, 48.6312



37.7254, 49.3435, 64.5882

Triad

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



37.3273, 49.3435, 48.6312



50.5528, 49.3435, 87.1508



53.9751, 49.3435, 33.8995

Complementary

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



37.3273, 49.3435, 48.6312



37.1358, 29.5748, 33.0313

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.



57.4521, 49.3435, 44.1567



37.3273, 49.3435, 48.6312



55.3727, 49.3435, 75.4581

Square

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



37.3273, 49.3435, 48.6312



45.0848, 49.3435, 88.9897



57.9825, 49.3435, 59.1662



48.7623, 49.3435, 29.2801

Rectangle

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



37.3273, 49.3435, 48.6312



39.3146, 49.3435, 75.3453



57.9825, 49.3435, 59.1662



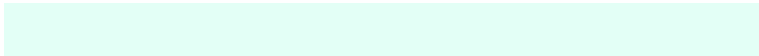
55.4022, 49.3435, 36.6978

Sweetspot

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



37.3287, 49.3455, 48.6323



84.0036, 94.4751, 100.7149



37.6498, 49.9813, 27.4024



17.7115, 20.0874, 21.3479



0.0000, 0.0000, 0.0000



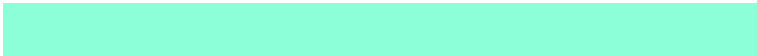
20.3446, 21.4041, 23.3091

Same Dimension

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



37.3287, 49.3455, 48.6323



59.1089, 82.1138, 78.2077



37.5077, 45.3733, 62.0417



10.7906, 12.0051, 12.8474



15.8821, 27.3652, 18.8555



0.7846, 1.3088, 1.0645

Inverse Universe

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



37.1358, 29.5748, 33.0313



58.7411, 43.3239, 47.6509



36.8361, 31.8876, 23.9529



10.7773, 10.6943, 11.8104



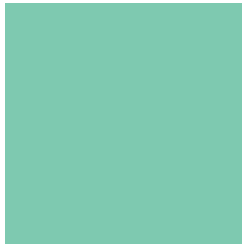
15.8206, 8.0778, 4.2653



0.7829, 0.3960, 0.3798

Previews

White Background



This preview shows how the XYZ color 37.3273, 49.3435, 48.6312 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 37.3273, 49.3435, 48.6312 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

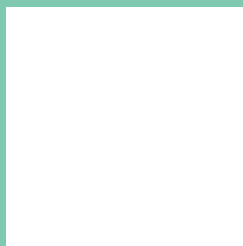
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.3273, 49.3435, 48.6312

Background



This preview shows how black text looks on a background with the XYZ color 37.3273, 49.3435, 48.6312.

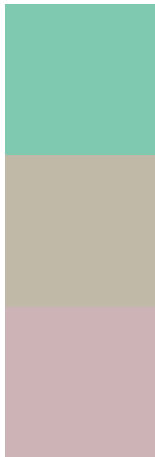


This preview shows how white text looks on a background with the XYZ color 37.3273, 49.3435,

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

37.3273, 49.3435, 48.6312

Protanopia

46.3163, 48.8254, 43.5423

Deuteranopia

49.6374, 48.5555, 50.4720



Tritanopia

41.4551, 49.3017, 69.6186

Trichromacy



Original Color

37.3273, 49.3435, 48.6312



Protanomaly

42.2487, 48.5989, 45.1840



Deuteranomaly

43.8115, 48.0254, 49.6085



Tritanomaly

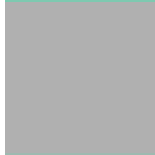
39.8630, 49.3370, 61.4548

Monochromacy



Original Color

37.3273, 49.3435, 48.6312



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

39.2860, 45.1016, 47.7092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3273, 49.3435, 48.6312 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(126, 201, 176)` looks like.

```
.text, #text, p{  
    color:rgb(126, 201, 176)  
}
```

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(126, 201, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 201, 176) }
```

Border

The CSS property to change the border of an element to XYZ 37.3273, 49.3435, 48.6312 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(126, 201, 176) }
```


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

```
.border{ border-color:rgb(126, 201, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 201, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 201, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 201, 176); box-shadow:4px 4px 4px 4px rgb(126, 201, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3273, 49.3435, 48.6312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 201, 176) }
```

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

```
.background{ background-color: rgb(126,  
201, 176) }
```

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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