

Converting Colors

XYZ(25.2517, 37.5265, 48.4230)

Have a look what the booklet for
XYZ(25.2517, 37.5265, 48.4230)
contains.

XYZ(25.2772, 37.5357, 48.5607)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.2772, 37.5357,
48.5607)**

Conversions

Conversions Part 1

Format	Color
Hex	00B8B3
RGB	0, 184, 179
RGB Percent	0%, 72%, 70%
CMY	0.9999, 0.2784, 0.2980
CMYK	1.00, 0.00, 0.03, 0.28
HSL	178°, 100%, 36%
HSV	178°, 100%, 72%
XYZ	25.2772, 37.5357, 48.5607
YIQ	128.4140, -108.0590, -40.5630

Conversions

Conversions Part 2

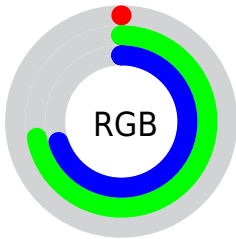
Format	Color
RYB	0, 93, 184
Decimal	47283
CIELab	67.68, -39.14, -8.53
CIELCh	68, 40.058, 192.302
Yxy	37.5357, 0.2270, 0.3370
Android (android.graphics.Color)	4278237363 (0xFF00B8B3)
YUV	128.4140, 24.9389, -112.6191
Hunter-Lab	61.2664, -33.5709, -4.1077

Details

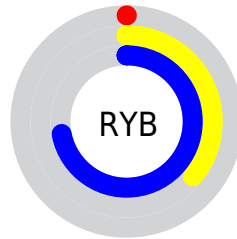
The XYZ color **25.2772, 37.5357, 48.5607** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **19.7958, 10.2025, 1.0705**, and the grayscale version is **20.6086, 21.6818, 23.6115**.

A 20% lighter version of the original color is **51.7062, 71.6181, 89.6957**, and **11.7485, 17.4716, 22.4918** is the 20% darker color. If you saturate the color by 10%, you get **25.2778, 37.5368, 48.5611**, and if you desaturate by 10%, it is **25.5863, 37.6900, 48.8406**.

Distribution



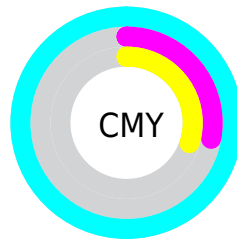
- Red (0%)
- Green (72%)
- Blue (70%)



- Red (0%)
- Yellow (36%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)



- Cyan (100%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2772, 37.5357, 48.5607 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 25.2772, 37.5357, 48.5607 by changing the saturation by 10% instead.

■ 25.2772, 37.5357,
48.5607

■ 25.2772, 37.5357,
48.5607

271.5379,
335.6240, 397.5830

■ 16.4135, 25.6225,
33.9080

■ 51.5462, 71.3959,
89.4129

■ 9.9099, 16.5415,
22.5461

■ 69.6823, 94.1118,
116.4494

■ 5.4011, 9.9081,
14.0566

■ 91.6399, 121.1973,
148.4510

■ 2.5216, 5.3381,
8.0208

■ 117.7843,
153.0369, 185.8361

■ 0.9062, 2.4470,
4.0203

■ 148.4810,
190.0150, 229.0233

■ 0.0000, 0.8499,
1.6365

184.0952,

■ 0.0000, 0.0000,

232.5160, 278.4312

0.3167

224.9924,
280.9242, 334.4782

■ 0.0000, 0.0000,
0.0000

■ 25.2772, 37.5357,
48.5607

■ 25.2772, 37.5357,
48.5607

■ 25.2778, 37.5368,
48.5611

■ 25.5863, 37.6900,
48.8406

■ 26.1365, 37.9678,
49.1320

■ 27.0190, 38.4168,
49.4398

■ 28.2779, 39.0599,
49.7662

■ 29.9505, 39.9162,
50.1129

■ 32.0697, 41.0027,
50.4815

■ 34.6651, 42.3347,
50.8734

■ 37.7638, 43.9262,
51.2898

■ 41.3908, 45.7899,
51.7318

Harmonies

Analogous

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



25.5081, 37.5357, 31.3696



25.2772, 37.5357, 48.5607



27.5872, 37.5357, 68.3307

Triad

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



25.2772, 37.5357, 48.5607



44.2898, 37.5357, 71.5736



39.4137, 37.5357, 16.2603

Complementary

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



25.2772, 37.5357, 48.5607



19.7958, 10.2025, 1.0705

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.



45.2103, 37.5357, 21.9726



25.2772, 37.5357, 48.5607



48.2413, 37.5357, 52.1176

Square

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



25.2772, 37.5357, 48.5607



38.2696, 37.5357, 83.9710



48.5964, 37.5357, 34.0374



33.2034, 37.5357, 15.8156

Rectangle

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



25.2772, 37.5357, 48.5607



30.4316, 37.5357, 79.0296



48.5964, 37.5357, 34.0374



41.4920, 37.5357, 17.5307

Sweetspot

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



25.2783, 37.5371, 48.5616



62.5708, 76.6036, 92.1808



17.2185, 34.3220, 5.7183



13.0456, 16.2865, 19.8073



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.



25.2783, 37.5371, 48.5616



45.8060, 68.0374, 87.9465



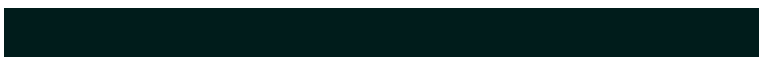
13.0343, 12.2247, 47.0216



9.2558, 10.2063, 11.5047



17.4251, 25.8710, 33.4903



0.6176, 0.9134, 1.1982

Inverse Universe

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



19.7958, 10.2025, 1.0705



35.8691, 18.4871, 1.8650



23.0868, 16.8282, 2.0324



9.0142, 9.0161, 9.4224



13.6465, 7.0324, 0.7596



0.4844, 0.2493, 0.0445

Previews

White Background



This preview shows how the XYZ color 25.2772, 37.5357, 48.5607 looks on a white background.

Color Contrast Check

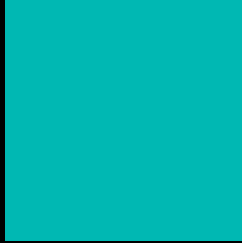
Large Text (above 18pt) WCAG AA × Fail

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 25.2772, 37.5357, 48.5607 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

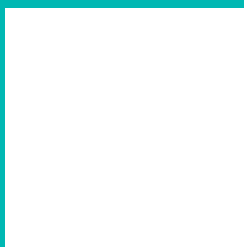
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2772, 37.5357, 48.5607

Background



This preview shows how black text looks on a background with the XYZ color 25.2772, 37.5357, 48.5607.

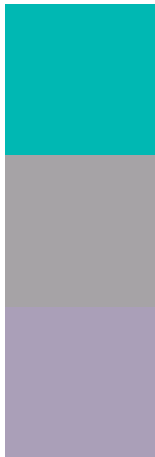


This preview shows how white text looks on a background with the XYZ color 25.2772, 37.5357,

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

25.2772, 37.5357, 48.5607

Protanopia

35.7060, 37.0546, 41.3467

Deuteranopia

37.6274, 36.8030, 50.4679



Tritanopia

27.2870, 37.4453, 58.0140

Trichromacy



Original Color

25.2772, 37.5357, 48.5607



Protanomaly

27.8575, 35.1303, 43.8407



Deuteranomaly

28.6305, 34.5708, 49.4198



Tritanomaly

26.3989, 37.3678, 54.5365

Monochromacy



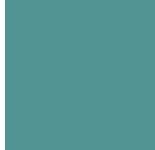
Original Color

25.2772, 37.5357, 48.5607



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

19.2497, 25.0357, 31.4216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2772, 37.5357, 48.5607 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(0, 184, 179)` looks like.

```
.text, #text, p{  
    color:rgb(0, 184, 179)  
}
```

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(0, 184, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 184, 179) }
```

Border

The CSS property to change the border of an element to XYZ 25.2772, 37.5357, 48.5607 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(0, 184, 179) }
```


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

```
.border{ border-color:rgb(0, 184, 179) }
```

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

Here you see how a box with a 4 pixel rgb(0, 184, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 184, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 184, 179);  
box-shadow:4px 4px 4px 4px rgb(0, 184,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2772, 37.5357, 48.5607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 184, 179) }
```

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

```
.background{ background-color: rgb(0, 184,  
179) }
```

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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