

Converting Colors

XYZ(25.7092, 36.7219, 53.8772)

Have a look what the booklet for
XYZ(25.7092, 36.7219, 53.8772)
contains.

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Color

**XYZ(25.7092, 36.7219,
53.8771)**

Conversions

Conversions Part 1

Format	Color
Hex	00B5BD
RGB	0, 181, 189
RGB Percent	0%, 71%, 74%
CMY	0.9998, 0.2902, 0.2588
CMYK	1.00, 0.04, 0.00, 0.26
HSL	183°, 100%, 37%
HSV	183°, 100%, 74%
XYZ	25.7092, 36.7219, 53.8771
YIQ	127.7930, -110.4440, -35.8840

Conversions

Conversions Part 2

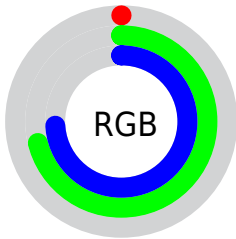
Format	Color
RYB	0, 92, 189
Decimal	46525
CIELab	67.07, -34.69, -14.97
CIELCh	67, 37.783, 203.340
Yxy	36.7219, 0.2210, 0.3157
Android (android.graphics.Color)	4278236605 (0xFF00B5BD)
YUV	127.7930, 30.1751, -112.0745
Hunter-Lab	60.5986, -30.3182, -10.2946

Details

The XYZ color **25.7092, 36.7219, 53.8771** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **21.0740, 10.9935, 1.0124**, and the grayscale version is **20.3769, 21.4381, 23.3461**.

A 20% lighter version of the original color is **52.1324, 69.9276, 97.1359**, and **12.0333, 16.9563, 25.9312** is the 20% darker color. If you saturate the color by 10%, you get **25.7095, 36.7223, 53.8779**, and if you desaturate by 10%, it is **26.1404, 37.1871, 53.9449**.

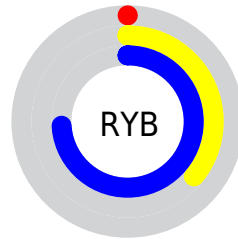
Distribution



Red (0%)

Green (71%)

Blue (74%)



Red (0%)

Yellow (36%)

Blue (74%)

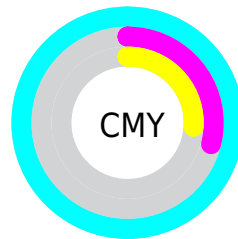


Cyan (100%)

Magenta (4%)

Yellow (0%)

Black (26%)



Cyan (100%)


Magenta (29%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7092, 36.7219, 53.8771 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 25.7092, 36.7219, 53.8771 by changing the saturation by 10% instead.


 25.7092, 36.7219,
53.8771


 25.7092, 36.7219,
53.8771


273.6346,
332.1049, 418.8025


 16.7378, 24.9922,
38.1109


 52.2401, 70.1449,
97.3484


 10.1418, 16.0713,
25.7663


 70.5303, 92.6070,
125.8905

 5.5561, 9.5746,
16.4247


 92.6574, 119.4153,
159.5284

 2.6152, 5.1178,
9.6676

 118.9868,
150.9543, 198.6805

 0.9537, 2.3166,
5.0764

 149.8838,
187.6084, 243.7654

 0.0000, 0.7825,
2.2326

185.7139,

 0.0000, 0.0000,

229.7619, 295.2017

0.6931

226.8424,
277.7993, 353.4079

■ 0.0000, 0.0000,
0.0000

■ 25.7092, 36.7219,
53.8771

■ 25.7092, 36.7219,
53.8771

■ 25.7095, 36.7223,
53.8779

■ 26.1404, 37.1871,
53.9449

■ 26.8305, 37.7865,
54.0242

■ 27.8747, 38.5697,
54.1203

■ 29.3200, 39.5612,
54.2355

■ 31.2067, 40.7816,
54.3716

■ 33.5697, 42.2489,
54.5303

■ 36.4407, 43.9795,
54.7130

■ 39.8486, 45.9883,
54.9212

■ 43.8200, 48.2891,
55.1559

Harmonies

Analogous

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



25.0385, 36.7219, 36.4252



25.7092, 36.7219, 53.8771



28.7129, 36.7219, 71.1198

Triad

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



25.7092, 36.7219, 53.8771



44.5382, 36.7219, 62.0095



36.2002, 36.7219, 16.0696

Complementary

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



25.7092, 36.7219, 53.8771



21.0740, 10.9935, 1.0124

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.



41.9245, 36.7219, 19.5922



25.7092, 36.7219, 53.8771



47.0682, 36.7219, 43.7672

Square

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



25.7092, 36.7219, 53.8771



39.4663, 36.7219, 76.6444



46.0628, 36.7219, 28.7114



30.7059, 36.7219, 17.3986

Rectangle

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



25.7092, 36.7219, 53.8771



31.8303, 36.7219, 78.6072



46.0628, 36.7219, 28.7114



38.1675, 36.7219, 16.6844

Sweetspot

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



25.7103, 36.7232, 53.8780



64.9844, 78.5995, 97.9724



18.2331, 36.4098, 6.2488



13.4882, 16.6110, 21.0379



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.7103, 36.7232, 53.8780



45.9985, 65.6756, 96.4785



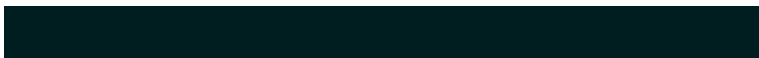
12.6939, 10.6903, 49.5392



9.7730, 10.7384, 12.2298



17.3125, 24.7368, 36.2551



0.6890, 0.9906, 1.4237

Inverse Universe

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



29.3277, 14.1561, 44.9041



52.5007, 25.3422, 80.2966



25.6229, 20.0913, 2.5287



9.9120, 9.6891, 11.9258



19.7393, 9.5269, 30.2506



0.7787, 0.3754, 1.2137

Previews

White Background



This preview shows how the XYZ color 25.7092, 36.7219, 53.8771 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 25.7092, 36.7219, 53.8771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

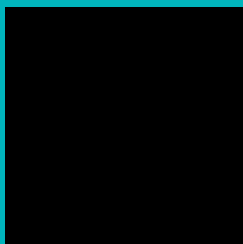
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

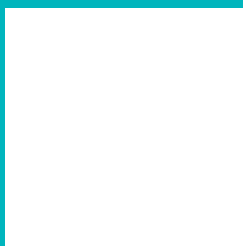
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7092, 36.7219, 53.8771

Background



This preview shows how black text looks on a background with the XYZ color 25.7092, 36.7219, 53.8771.

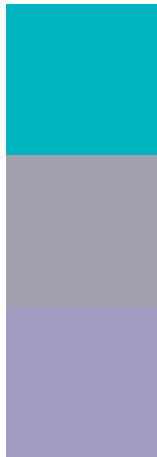


This preview shows how white text looks on a background with the XYZ color 25.7092, 36.7219,

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

25.7092, 36.7219, 53.8771

Protanopia

35.2793, 36.2014, 46.2024

Deuteranopia

36.8648, 36.0301, 56.0505



Tritanopia

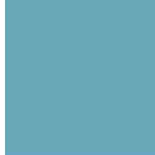
26.5249, 36.7648, 57.3281

Trichromacy



Original Color

25.7092, 36.7219, 53.8771



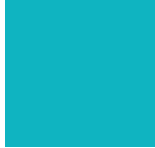
Protanomaly

27.8226, 34.1662, 48.8444



Deuteranomaly

28.7442, 33.9618, 54.9095



Tritanomaly

26.1439, 36.5943, 56.1376

Monochromacy



Original Color

25.7092, 36.7219, 53.8771



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

19.3321, 24.8188, 32.6258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7092, 36.7219, 53.8771 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, 181, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 181, 189)  
}
```

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, 181, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 181, 189) }
```

Border

The CSS property to change the border of an element to XYZ 25.7092, 36.7219, 53.8771 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, 181, 189) }
```


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

```
.border{ border-color:rgb(0, 181, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 181, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 181, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 181, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 181,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7092, 36.7219, 53.8771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 181, 189) }
```

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

```
.background{ background-color: rgb(0, 181,  
189) }
```

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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