

Converting Colors

XYZ(25.9466, 36.7007, 53.1792)

Have a look what the booklet for
XYZ(25.9466, 36.7007, 53.1792)
contains.

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Color

**XYZ(25.8772, 36.5202,
53.2622)**

Conversions

Conversions Part 1

Format	Color
Hex	1CB4BC
RGB	28, 180, 188
RGB Percent	11%, 71%, 74%
CMY	0.8901, 0.2941, 0.2627
CMYK	0.85, 0.04, 0.00, 0.26
HSL	183°, 74%, 42%
HSV	183°, 85%, 74%
XYZ	25.8772, 36.5202, 53.2622
YIQ	135.4640, -93.1600, -29.7360

Conversions

Conversions Part 2

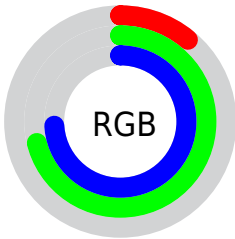
Format	Color
RYB	28, 106, 188
Decimal	1881276
CIELab	66.92, -33.33, -14.63
CIELCh	67, 36.400, 203.695
Yxy	36.5202, 0.2237, 0.3158
Android (android.graphics.Color)	4280071356 (0xFF1CB4BC)
YUV	135.4640, 25.9002, -94.2459
Hunter-Lab	60.4319, -29.3215, -9.9534

Details

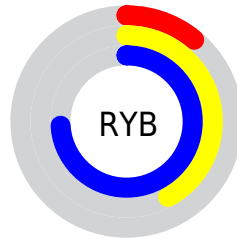
The XYZ color **25.8772, 36.5202, 53.2622** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **21.5804, 12.0381, 2.2858**, and the grayscale version is **23.1352, 24.3400, 26.5063**.

A 20% lighter version of the original color is **52.3880, 69.6484, 96.2703**, and **11.9625, 16.9280, 25.5586** is the 20% darker color. If you saturate the color by 10%, you get **25.3252, 35.9557, 53.1830**, and if you desaturate by 10%, it is **26.7532, 37.2552, 53.3586**.

Distribution



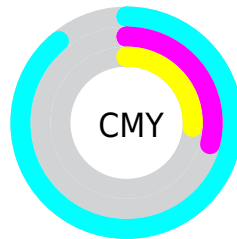
- Red (11%)
- Green (71%)
- Blue (74%)



- Red (11%)
- Yellow (42%)
- Blue (74%)



- Cyan (85%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)




- Cyan (89%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8772, 36.5202, 53.2622 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 25.8772, 36.5202, 53.2622 by changing the saturation by 10% instead.


 25.8772, 36.5202,
53.2622


 25.8772, 36.5202,
53.2622


274.4465,
331.2286, 416.3851


 16.8640, 24.8362,
37.6230


 52.5095, 69.8342,
96.4355

 10.2323, 15.9551,
25.3906


 70.8593, 92.2331,
124.8067


 5.6167, 9.4924,
16.1467


 93.0520, 118.9723,
158.2590

 2.6519, 5.0637,
9.4725

 119.4529,
150.4364, 197.2108

 0.9725, 2.2847,
4.9497

 150.4275,
187.0096, 242.0808

 0.0000, 0.7656,
2.1595

186.3411,

 0.0000, 0.0000,

229.0765, 293.2875

0.6509

227.5589,
277.0213, 351.2494

■ 0.0000, 0.0000,
0.0000

■ 25.8772, 36.5202,
53.2622

■ 25.8772, 36.5202,
53.2622

■ 25.3252, 35.9557,
53.1830

■ 26.7532, 37.2552,
53.3586

■ 25.1177, 35.7117,
53.1469

■ 28.0021, 38.1836,
53.4720

■ 29.6676, 39.3287,
53.6052

■ 31.7867, 40.7096,
53.7600

■ 34.3923, 42.3431,
53.9380

■ 37.5142, 44.2448,
54.1405

■ 41.1797, 46.4286,
54.3689

■ 45.4144, 48.9078,
54.6242

■ 50.2421, 51.6947,
54.9077

Harmonies

Analogous

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



25.2008, 36.5202, 36.5209



25.8772, 36.5202, 53.2622



28.8029, 36.5202, 69.6083

Triad

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



25.8772, 36.5202, 53.2622



43.9790, 36.5202, 60.5959



35.8892, 36.5202, 16.5698

Complementary

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



25.8772, 36.5202, 53.2622



21.5804, 12.0381, 2.2858

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.



41.3772, 36.5202, 19.9656



25.8772, 36.5202, 53.2622



46.3562, 36.5202, 43.1943

Square

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



25.8772, 36.5202, 53.2622



39.1503, 36.5202, 74.5668



45.3570, 36.5202, 28.7643



30.6213, 36.5202, 17.9315

Rectangle

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



25.8772, 36.5202, 53.2622



31.8181, 36.5202, 76.6215



45.3570, 36.5202, 28.7643



37.7749, 36.5202, 17.1556

Sweetspot

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



25.8783, 36.5215, 53.2631



67.1811, 79.6995, 98.0689



18.7422, 36.3258, 7.4883



14.0119, 16.8752, 21.0613



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.



25.8783, 36.5215, 53.2631



45.4657, 64.6099, 96.3009



14.3746, 13.5141, 49.4285



9.7666, 10.7255, 12.2277



17.1178, 24.3472, 36.1902



0.6832, 0.9790, 1.4218

Inverse Universe

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



29.3935, 14.8182, 44.4924



52.2318, 25.2347, 78.8802



26.8924, 22.6620, 4.0564



9.9088, 9.6878, 11.9087



19.6410, 9.4876, 29.7329



0.7757, 0.3742, 1.1983

Previews

White Background



This preview shows how the XYZ color 25.8772, 36.5202, 53.2622 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 25.8772, 36.5202, 53.2622 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

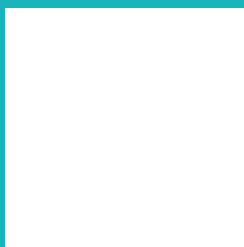
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8772, 36.5202, 53.2622

Background



This preview shows how black text looks on a background with the XYZ color 25.8772, 36.5202, 53.2622.

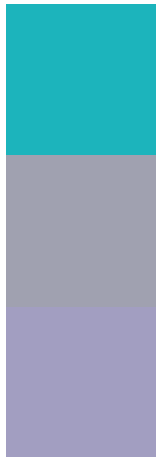


This preview shows how white text looks on a background with the XYZ color 25.8772, 36.5202,

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

25.8772, 36.5202, 53.2622

Protanopia

35.0785, 36.0979, 46.1931

Deuteranopia

36.7528, 35.9854, 55.4609



Tritanopia

26.5508, 36.4926, 56.6833

Trichromacy



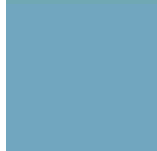
Original Color

25.8772, 36.5202, 53.2622



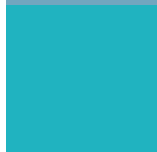
Protanomaly

28.9229, 34.7453, 48.3621



Deuteranomaly

29.8502, 34.5447, 54.3847



Tritanomaly

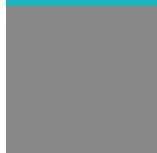
26.2302, 36.3530, 55.5035

Monochromacy



Original Color

25.8772, 36.5202, 53.2622



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

21.7232, 26.9531, 34.6294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8772, 36.5202, 53.2622 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(28, 180, 188)` looks like.

```
.text, #text, p{  
    color:rgb(28, 180, 188)  
}
```

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(28, 180, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 180, 188) }
```

Border

The CSS property to change the border of an element to XYZ 25.8772, 36.5202, 53.2622 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(28, 180, 188) }
```


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

```
.border{ border-color:rgb(28, 180, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 180, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 180, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 180, 188);  
box-shadow:4px 4px 4px 4px rgb(28, 180,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8772, 36.5202, 53.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 180, 188) }
```

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

```
.background{ background-color: rgb(28, 180,  
188) }
```

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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