

Converting Colors

XYZ(25.8055, 37.9118, 48.7705)

Have a look what the booklet for
XYZ(25.8055, 37.9118, 48.7705)
contains.

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Color

**XYZ(25.7032, 37.7553,
48.5806)**

Conversions

Conversions Part 1

Format	Color
Hex	1AB8B3
RGB	26, 184, 179
RGB Percent	10%, 72%, 70%
CMY	0.8980, 0.2784, 0.2980
CMYK	0.86, 0.00, 0.03, 0.28
HSL	178°, 75%, 41%
HSV	178°, 86%, 72%
XYZ	25.7032, 37.7553, 48.5806
YIQ	136.1880, -92.5630, -35.0510

Conversions

Conversions Part 2

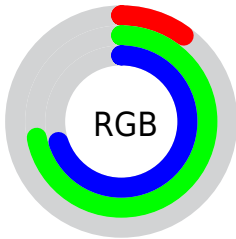
Format	Color
R_{YB}	26, 106, 184
Decimal	1751219
CIE _{Lab}	67.84, -38.04, -8.27
CIE _{LCh}	68, 38.933, 192.271
Yxy	37.7553, 0.2294, 0.3370
Android (android.graphics.Color)	4279941299 (0xFF1AB8B3)
YUV	136.1880, 21.1063, -96.6349
Hunter-Lab	61.4453, -32.8610, -3.8648

Details

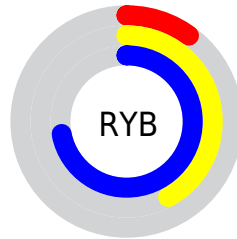
The XYZ color **25.7032, 37.7553, 48.5806** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **20.3852, 11.0293, 2.3521**, and the grayscale version is **23.4228, 24.6426, 26.8358**.

A 20% lighter version of the original color is **52.3946, 71.9729, 89.7279**, and **11.7485, 17.4716, 22.4918** is the 20% darker color. If you saturate the color by 10%, you get **25.3144, 37.5625, 48.2563**, and if you desaturate by 10%, it is **26.3937, 38.1053, 48.9220**.

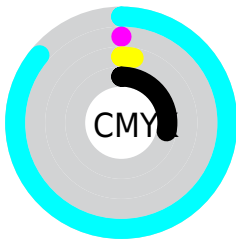
Distribution



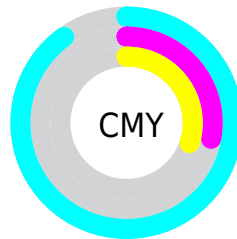
- Red (10%)
- Green (72%)
- Blue (70%)



- Red (10%)
- Yellow (42%)
- Blue (72%)



- Cyan (86%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)



- Cyan (90%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7032, 37.7553, 48.5806 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 25.7032, 37.7553, 48.5806 by changing the saturation by 10% instead.

■ 25.7032, 37.7553,
48.5806

■ 25.7032, 37.7553,
48.5806

273.6055,
336.5691, 397.6638

■ 16.7332, 25.7928,
33.9236

■ 52.2305, 71.7329,
89.4428

■ 10.1386, 16.6687,
22.5581

■ 70.5185, 94.5169,
116.4851

■ 5.5539, 9.9986,
14.0653

■ 92.6433, 121.6767,
148.4929

■ 2.6138, 5.3980,
8.0268

■ 118.9701,
153.5970, 185.8848

■ 0.9530, 2.4826,
4.0241

■ 149.8644,
190.6619, 229.0793

■ 0.0000, 0.8679,
1.6386

185.6915,

■ 0.0000, 0.0000,

233.2560, 278.4949

0.3181

226.8168,
281.7636, 334.5502

■ 0.0000, 0.0000,
0.0000

■ 25.7032, 37.7553,
48.5806

■ 25.7032, 37.7553,
48.5806

■ 25.3144, 37.5625,
48.2563

■ 26.3937, 38.1053,
48.9220

■ 25.1948, 37.5036,
48.1240

■ 27.4345, 38.6350,
49.2802

■ 28.8679, 39.3670,
49.6582

■ 30.7290, 40.3196,
50.0574

■ 33.0494, 41.5089,
50.4794

■ 35.8575, 42.9495,
50.9256

■ 39.1794, 44.6550,
51.3971

■ 43.0395, 46.6380,
51.8952

■ 47.4605, 48.9100,
52.4207

Harmonies

Analogous

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



25.9327, 37.7553, 31.8010



25.7032, 37.7553, 48.5806



27.9689, 37.7553, 67.7440

Triad

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



25.7032, 37.7553, 48.5806



44.2657, 37.7553, 70.9127



39.5343, 37.7553, 16.8928

Complementary

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



25.7032, 37.7553, 48.5806



20.3852, 11.0293, 2.3521

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.



45.1701, 37.7553, 22.5697



25.7032, 37.7553, 48.5806



48.1052, 37.7553, 52.0764

Square

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



25.7032, 37.7553, 48.5806



38.4072, 37.7553, 82.8586



48.4536, 37.7553, 34.4458



33.4763, 37.7553, 16.4443

Rectangle

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



25.7032, 37.7553, 48.5806



30.7547, 37.7553, 78.0777



48.4536, 37.7553, 34.4458



41.5569, 37.7553, 18.1597

Sweetspot

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



25.7043, 37.7567, 48.5815



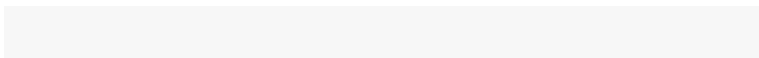
64.6821, 77.6923, 92.2658



17.9014, 34.6525, 6.7234



13.5492, 16.5462, 19.8298



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.



25.7043, 37.7567, 48.5815



45.6532, 67.9762, 87.1415



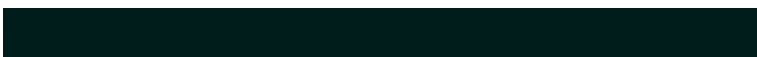
14.6843, 14.8922, 47.4495



9.2541, 10.2056, 11.4953



17.3686, 25.8484, 33.1928



0.6162, 0.9128, 1.1905

Inverse Universe

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



20.3852, 11.0293, 2.3521



35.8750, 18.4894, 1.8959



24.4871, 19.3306, 3.4189



9.0158, 9.0167, 9.4307



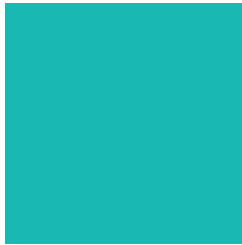
13.6504, 7.0339, 0.7796



0.4851, 0.2495, 0.0481

Previews

White Background



This preview shows how the XYZ color 25.7032, 37.7553, 48.5806 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 25.7032, 37.7553, 48.5806 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

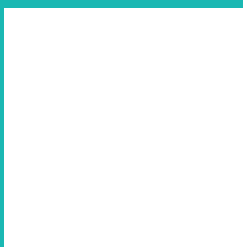
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7032, 37.7553, 48.5806

Background



This preview shows how black text looks on a background with the XYZ color 25.7032, 37.7553, 48.5806.

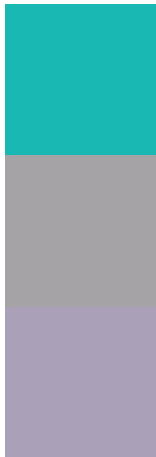


This preview shows how white text looks on a background with the XYZ color 25.7032, 37.7553,

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

25.7032, 37.7553, 48.5806

Protanopia

35.7060, 37.0546, 41.3467

Deuteranopia

37.8001, 37.1484, 50.5255



Tritanopia

27.5699, 37.5912, 58.0273

Trichromacy



Original Color

25.7032, 37.7553, 48.5806



Protanomaly

28.9838, 35.7109, 43.8934



Deuteranomaly

30.1027, 35.6049, 49.5418



Tritanomaly

26.8215, 37.5857, 54.5563

Monochromacy



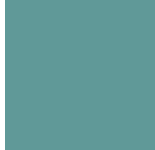
Original Color

25.7032, 37.7553, 48.5806



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

21.8826, 27.5363, 33.8675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7032, 37.7553, 48.5806 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(26, 184, 179)` looks like.

```
.text, #text, p{  
    color:rgb(26, 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(26, 184, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 184, 179) }
```

Border

The CSS property to change the border of an element to XYZ 25.7032, 37.7553, 48.5806 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(26, 184, 179) }
```


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

```
.border{ border-color:rgb(26, 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(26, 184, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 184, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 184, 179);  
box-shadow:4px 4px 4px 4px rgb(26, 184,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7032, 37.7553, 48.5806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 184, 179) }
```

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

```
.background{ background-color: rgb(26, 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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