

Converting Colors

XYZ(15.3522, 23.8866, 25.5158)

Have a look what the booklet for
XYZ(15.3522, 23.8866, 25.5158)
contains.

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Color

**XYZ(15.3566, 23.8637,
25.6266)**

Conversions

Conversions Part 1

Format	Color
Hex	0A9784
RGB	10, 151, 132
RGB Percent	4%, 59%, 52%
CMY	0.9607, 0.4078, 0.4823
CMYK	0.93, 0.00, 0.13, 0.41
HSL	172°, 88%, 32%
HSV	172°, 93%, 59%
XYZ	15.3566, 23.8637, 25.6266
YIQ	106.6750, -77.9370, -35.8010

Conversions

Conversions Part 2

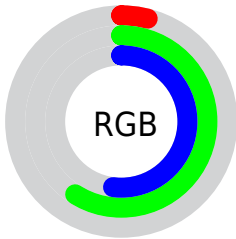
Format	Color
R_{YB}	10, 86, 151
Decimal	694148
CIE _{Lab}	55.95, -37.81, 0.57
CIE _{LCh}	56, 37.812, 179.135
Yxy	23.8637, 0.2368, 0.3680
Android (android.graphics.Color)	4278884228 (0xFF0A9784)
YUV	106.6750, 12.4852, -84.7840
Hunter-Lab	48.8505, -29.3752, 3.0922

Details

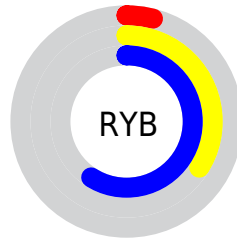
The XYZ color **15.3566, 23.8637, 25.6266** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **13.0936, 6.8857, 1.8022**, and the grayscale version is **13.8686, 14.5908, 15.8894**.

A 20% lighter version of the original color is **35.0447, 49.8191, 53.6679**, and **6.0232, 9.5482, 9.7091** is the 20% darker color. If you saturate the color by 10%, you get **15.1402, 23.7633, 25.1381**, and if you desaturate by 10%, it is **15.7763, 24.0644, 26.3809**.

Distribution



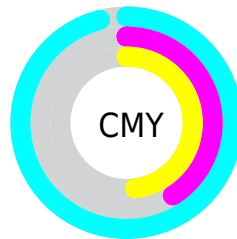
- Red (4%)
- Green (59%)
- Blue (52%)



- Red (4%)
- Yellow (34%)
- Blue (59%)



- Cyan (93%)
- Magenta (0%)
- Yellow (13%)
- Black (41%)



- Cyan (96%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3566, 23.8637, 25.6266 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 15.3566, 23.8637, 25.6266 by changing the saturation by 10% instead.

■ 15.3566, 23.8637,
25.6266

■ 15.3566, 23.8637,
25.6266

218.8604,
272.1307, 294.4912

■ 9.1580, 15.2325,
16.3213

■ 35.0441, 49.8077,
53.6486

■ 4.9023, 8.9828,
9.5950

■ 49.2637, 67.8893,
73.2024

■ 2.2242, 4.7299,
5.0292

■ 66.8877, 89.8899,
97.0093

■ 0.7555, 2.0897,
2.2053

■ 88.2813, 116.1938,
125.4880

■ 0.0000, 0.6588,
0.6774

■ 113.8101,
147.1854, 159.0570

■ 0.0000, 0.0000,
0.0000

■ 143.8393,

183.2492, 198.1348

178.7343,
224.7695, 243.1400

■ 15.3566, 23.8637,
25.6266

■ 15.3566, 23.8637,
25.6266

■ 15.1402, 23.7633,
25.1381

■ 15.7763, 24.0644,
26.3809

■ 16.3994, 24.3690,
27.1585

■ 17.2549, 24.7932,
27.9613

■ 18.3668, 25.3492,
28.7905

■ 19.7559, 26.0477,
29.6472

■ 21.4409, 26.8986,
30.5323

■ 23.4390, 27.9105,
31.4467

■ 25.7660, 29.0915,
32.3913

■ 28.4364, 30.4494,
33.3666

Harmonies

Analogous

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



16.2797, 23.8637, 15.6011



15.3566, 23.8637, 25.6266



16.1795, 23.8637, 39.3532

Triad

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



15.3566, 23.8637, 25.6266



26.9655, 23.8637, 52.7529



27.2096, 23.8637, 10.4593

Complementary

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



15.3566, 23.8637, 25.6266



13.0936, 6.8857, 1.8022

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.



30.7274, 23.8637, 16.0473



15.3566, 23.8637, 25.6266



30.5744, 23.8637, 40.1780

Square

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



15.3566, 23.8637, 25.6266



22.5568, 23.8637, 57.7167



32.0294, 23.8637, 26.3437



22.8072, 23.8637, 8.7313

Rectangle

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



15.3566, 23.8637, 25.6266



17.6752, 23.8637, 48.4123



32.0294, 23.8637, 26.3437



28.5543, 23.8637, 11.8387

Sweetspot

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



15.3573, 23.8646, 25.6272



40.0457, 49.0049, 55.4586



11.6918, 22.4498, 4.0045



8.7877, 10.9791, 12.4570



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



15.3573, 23.8646, 25.6272



27.0641, 42.5360, 44.7585



10.4291, 11.7343, 30.9945



6.3488, 7.0122, 7.7600



12.8873, 20.2184, 21.4247



0.2013, 0.3057, 0.3660

Inverse Universe

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



13.0936, 6.8857, 1.8022



23.0478, 11.8594, 2.0789



14.4003, 9.7664, 1.4136



6.2410, 6.2356, 6.6493



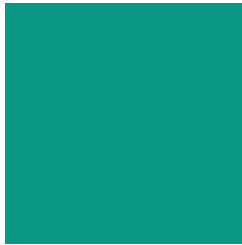
10.9741, 5.6439, 1.1227



0.1717, 0.0874, 0.0572

Previews

White Background



This preview shows how the XYZ color 15.3566, 23.8637, 25.6266 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3566, 23.8637, 25.6266 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 × Fail

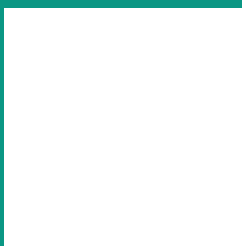
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3566, 23.8637, 25.6266

Background



This preview shows how black text looks on a background with the XYZ color 15.3566, 23.8637, 25.6266.

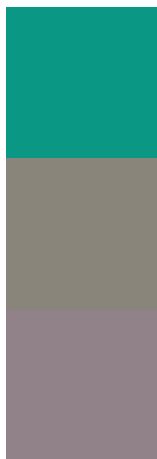


This preview shows how white text looks on a background with the XYZ color 15.3566, 23.8637,

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

15.3566, 23.8637, 25.6266

Protanopia

22.3816, 23.5835, 21.7848

Deuteranopia

24.0427, 23.5264, 26.9408



Tritanopia

17.6062, 23.8421, 36.4749

Trichromacy



Original Color

15.3566, 23.8637, 25.6266



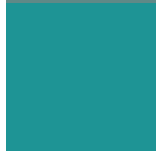
Protanomaly

17.4584, 22.4867, 23.1589



Deuteranomaly

18.1427, 22.1274, 26.2365



Tritanomaly

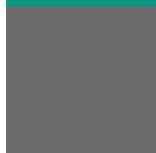
16.5501, 23.6258, 32.1217

Monochromacy



Original Color

15.3566, 23.8637, 25.6266



Achromatopsia

13.9749, 14.7027, 16.0113



Achromatomaly

12.9078, 16.8046, 19.0863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3566, 23.8637, 25.6266 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(10, 151, 132)` looks like.

```
.text, #text, p{  
    color:rgb(10, 151, 132)  
}
```

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(10, 151, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 151, 132) }
```

Border

The CSS property to change the border of an element to XYZ 15.3566, 23.8637, 25.6266 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(10, 151, 132) }
```


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

```
.border{ border-color:rgb(10, 151, 132) }
```

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

Here you see how a box with a 4 pixel rgb(10, 151, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 151, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 151, 132);  
box-shadow:4px 4px 4px 4px rgb(10, 151,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3566, 23.8637, 25.6266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 151, 132) }
```

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

```
.background{ background-color: rgb(10, 151,  
132) }
```

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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