

Converting Colors

XYZ(15.6922, 25.2557, 23.1187)

Have a look what the booklet for
XYZ(15.6922, 25.2557, 23.1187)
contains.

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Color

**XYZ(15.7402, 25.3423,
23.1307)**

Conversions

Conversions Part 1

Format	Color
Hex	109C7C
RGB	16, 156, 124
RGB Percent	6%, 61%, 49%
CMY	0.9372, 0.3882, 0.5137
CMYK	0.90, 0.00, 0.21, 0.39
HSL	166°, 81%, 34%
HSV	166°, 90%, 61%
XYZ	15.7402, 25.3423, 23.1307
YIQ	110.4920, -73.1680, -39.6320

Conversions

Conversions Part 2

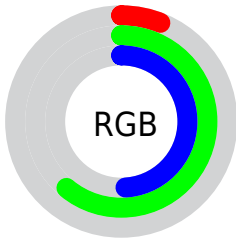
Format	Color
RYB	16, 95, 156
Decimal	1088636
CIELab	57.41, -41.84, 7.23
CIELCh	57, 42.456, 170.198
Yxy	25.3423, 0.2451, 0.3947
Android (android.graphics.Color)	4279278716 (0xFF109C7C)
YUV	110.4920, 6.6594, -82.8695
Hunter-Lab	50.3411, -32.2853, 7.9963

Details

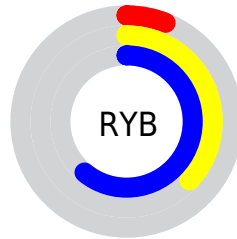
The XYZ color **15.7402, 25.3423, 23.1307** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **14.4299, 7.6525, 3.5140**, and the grayscale version is **14.9601, 15.7392, 17.1400**.

A 20% lighter version of the original color is **35.6437, 52.0382, 49.7607**, and **6.2203, 10.4086, 8.3378** is the 20% darker color. If you saturate the color by 10%, you get **15.3106, 25.1471, 21.9550**, and if you desaturate by 10%, it is **16.3404, 25.6258, 24.3581**.

Distribution



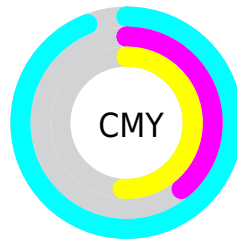
- Red (6%)
- Green (61%)
- Blue (49%)



- Red (6%)
- Yellow (37%)
- Blue (61%)



- Cyan (90%)
- Magenta (0%)
- Yellow (21%)
- Black (39%)



- Cyan (94%)
- Magenta (39%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7402, 25.3423, 23.1307 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 15.7402, 25.3423, 23.1307 by changing the saturation by 10% instead.

■ 15.7402, 25.3423,
23.1307

■ 15.7402, 25.3423,
23.1307

■ 221.1044,
279.5384, 281.5392

■ 9.4302, 16.3323,
14.4838

■ 35.7077, 52.2120,
49.5338

■ 5.0822, 9.7596,
8.3154

■ 50.0959, 70.8404,
68.1270

■ 2.3308, 5.2398,
4.2067

■ 67.9075, 93.4438,
90.8729

■ 0.8104, 2.3887,
1.7394

■ 89.5079, 120.4065,
118.1898

■ 0.0000, 0.8200,
0.3875

■ 115.2624,
152.1129, 150.4964

■ 0.0000, 0.0000,
0.0000

■ 145.5364,

188.9474, 188.2111

180.6953,
231.2944, 231.7525

■ 15.7402, 25.3423,
23.1307

■ 15.7402, 25.3423,
23.1307

■ 15.3106, 25.1471,
21.9550

■ 16.3404, 25.6258,
24.3581

■ 15.2998, 25.1422,
21.9247

■ 17.1767, 26.0294,
25.6390

■ 18.2787, 26.5691,
26.9759

■ 19.6712, 27.2575,
28.3701

■ 21.3759, 28.1060,
29.8233

■ 23.4126, 29.1245,
31.3368

■ 25.7991, 30.3224,
32.9117

■ 28.5524, 31.7084,
34.5493

■ 31.6879, 33.2904,
36.2507

Harmonies

Analogous

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



17.3795, 25.3423, 13.3614



15.7402, 25.3423, 23.1307



16.0851, 25.3423, 38.3342

Triad

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



15.7402, 25.3423, 23.1307



27.5923, 25.3423, 62.7205



30.8424, 25.3423, 11.2855

Complementary

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



15.7402, 25.3423, 23.1307



14.4299, 7.6525, 3.5140

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.



34.3810, 25.3423, 19.0735



15.7402, 25.3423, 23.1307



32.3305, 25.3423, 49.4598

Square

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



15.7402, 25.3423, 23.1307



22.4738, 25.3423, 64.9987



34.9606, 25.3423, 32.5962



25.7758, 25.3423, 8.2785

Rectangle

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



15.7402, 25.3423, 23.1307



17.4141, 25.3423, 49.6768



34.9606, 25.3423, 32.5962



32.2782, 25.3423, 13.2711

Sweetspot

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



15.7409, 25.3433, 23.1313



43.4218, 53.3474, 57.5351



13.2335, 24.4601, 4.5144



9.2759, 11.5990, 12.4668



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



15.7409, 25.3433, 23.1313



27.7101, 45.6326, 39.4104



12.7725, 15.6261, 33.7966



6.7569, 7.4835, 8.1546



12.6155, 20.7141, 18.1301



0.2403, 0.3762, 0.4015

Inverse Universe

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



14.4299, 7.6525, 3.5140



25.4076, 13.0397, 3.8284



15.0931, 9.6830, 1.5641



6.6921, 6.6698, 7.2297



11.5626, 5.9296, 1.9479



0.2211, 0.1118, 0.1104

Previews

White Background



This preview shows how the XYZ color 15.7402, 25.3423, 23.1307 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 15.7402, 25.3423, 23.1307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

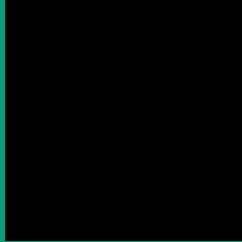
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.7402, 25.3423, 23.1307

Background



This preview shows how black text looks on a background with the XYZ color 15.7402, 25.3423, 23.1307.



This preview shows how white text looks on a background with the XYZ color 15.7402, 25.3423,

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

15.7402, 25.3423, 23.1307

Protanopia

23.4845, 25.0355, 19.5142

Deuteranopia

25.3506, 24.8598, 24.2312



Tritanopia

18.9441, 25.4305, 38.5605

Trichromacy



Original Color

15.7402, 25.3423, 23.1307

Protanomaly

18.1730, 23.7959, 20.7748

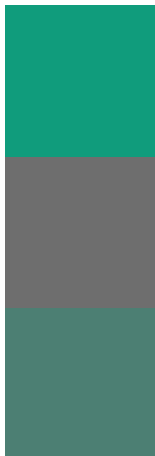
Deuteranomaly

18.9492, 23.4656, 23.6093

Tritanomaly

17.5790, 25.3457, 32.3995

Monochromacy



Original Color

15.7402, 25.3423, 23.1307

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

13.6644, 17.9530, 18.9648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7402, 25.3423, 23.1307 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(16, 156, 124)` looks like.

```
.text, #text, p{  
    color:rgb(16, 156, 124)  
}
```

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(16, 156, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 156, 124) }
```

Border

The CSS property to change the border of an element to XYZ 15.7402, 25.3423, 23.1307 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(16, 156, 124) }
```


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

```
.border{ border-color:rgb(16, 156, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 156, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 156, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 156, 124);  
box-shadow:4px 4px 4px 4px rgb(16, 156,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7402, 25.3423, 23.1307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 156, 124) }
```

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

```
.background{ background-color: rgb(16, 156,  
124) }
```

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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