

Converting Colors

XYZ(15.0343, 24.2375, 18.9113)

Have a look what the booklet for
XYZ(15.0343, 24.2375, 18.9113)
contains.

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Color

**XYZ(15.0972, 24.3615,
18.9455)**

Conversions

Conversions Part 1

Format	Color
Hex	27996F
RGB	39, 153, 111
RGB Percent	15%, 60%, 44%
CMY	0.8470, 0.4000, 0.5647
CMYK	0.75, 0.00, 0.27, 0.40
HSL	158°, 59%, 38%
HSV	158°, 75%, 60%
XYZ	15.0972, 24.3615, 18.9455
YIQ	114.1260, -54.4620, -37.2300

Conversions

Conversions Part 2

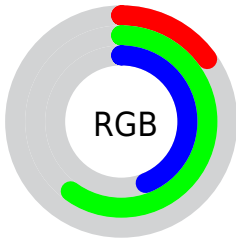
Format	Color
R_{YB}	39, 109, 153
Decimal	2595183
CIE _{Lab}	56.45, -41.49, 13.26
CIE _{LCh}	56, 43.558, 162.283
Y _{xy}	24.3615, 0.2585, 0.4171
Android (android.graphics.Color)	4280785263 (0xFF27996F)
YUV	114.1260, -1.5411, -65.8855
Hunter-Lab	49.3574, -31.7767, 11.7921

Details

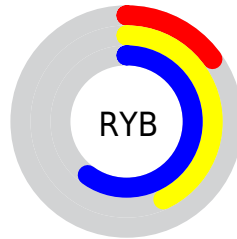
The XYZ color **15.0972, 24.3615, 18.9455** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **15.3484, 8.8180, 8.6788**, and the grayscale version is **16.0489, 16.8847, 18.3875**.

A 20% lighter version of the original color is **34.5336, 50.5228, 42.5821**, and **5.5509, 9.6662, 6.2758** is the 20% darker color. If you saturate the color by 10%, you get **14.3299, 24.0013, 17.3405**, and if you desaturate by 10%, it is **16.1191, 24.8519, 20.6658**.

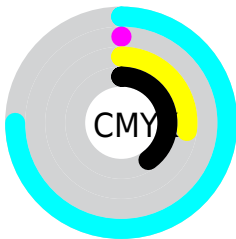
Distribution



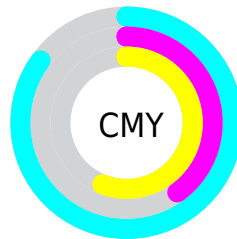
- Red (15%)
- Green (60%)
- Blue (44%)



- Red (15%)
- Yellow (43%)
- Blue (60%)



- Cyan (75%)
- Magenta (0%)
- Yellow (27%)
- Black (40%)



- Cyan (85%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0972, 24.3615, 18.9455 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 15.0972, 24.3615, 18.9455 by changing the saturation by 10% instead.

■ 15.0972, 24.3615,
18.9455

■ 15.0972, 24.3615,
18.9455

217.3305,
274.6430, 258.5604

■ 8.9744, 15.6020,
11.4545

■ 34.5939, 50.6195,
42.4775

■ 4.7815, 9.2430,
6.2554

■ 48.6984, 68.8867,
59.3555

■ 2.1530, 4.9000,
2.9297

■ 66.1943, 91.0920,
80.1996

■ 0.7178, 2.1887,
1.0589

■ 87.4468, 117.6198,
105.4284

■ 0.0000, 0.7138,
0.0000

■ 112.8213,
148.8544, 135.4603

■ 0.0000, 0.0000,
0.0000

■ 142.6832,

185.1802, 170.7139

177.3978,
226.9816, 211.6078

■ 15.0972, 24.3615,
18.9455

■ 15.0972, 24.3615,
18.9455

■ 14.3299, 24.0013,
17.3405

■ 16.1191, 24.8519,
20.6658

■ 13.7839, 23.7524,
15.8457

■ 17.4190, 25.4828,
22.5027

■ 13.5322, 23.6395,
15.0689

■ 19.0199, 26.2664,
24.4596

■ 20.9417, 27.2131,
26.5390

■ 23.2025, 28.3321,
28.7437

■ 25.8190, 29.6321,
31.0759

■ 28.8069, 31.1210,
33.5381

■ 32.1808, 32.8063,
36.1326

■ 35.9545, 34.6953,
38.8614

Harmonies

Analogous

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



17.2286, 24.3615, 10.8368



15.0972, 24.3615, 18.9455



14.9192, 24.3615, 32.8778

Triad

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



15.0972, 24.3615, 18.9455



25.2780, 24.3615, 63.9274



31.0884, 24.3615, 11.8935

Complementary

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



15.0972, 24.3615, 18.9455



15.3484, 8.8180, 8.6788

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.



33.9713, 24.3615, 21.0492



15.0972, 24.3615, 18.9455



30.3047, 24.3615, 52.8071

Square

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



15.0972, 24.3615, 18.9455



20.3297, 24.3615, 62.7113



33.6652, 24.3615, 35.8978



26.2304, 24.3615, 7.9005

Rectangle

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



15.0972, 24.3615, 18.9455



15.8914, 24.3615, 44.2783



33.6652, 24.3615, 35.8978



32.3503, 24.3615, 14.2935

Sweetspot

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



15.0979, 24.3625, 18.9461



42.4694, 51.1931, 52.3216



15.2991, 24.7554, 5.8918



9.1396, 11.1858, 11.3331



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.



15.0979, 24.3625, 18.9461



25.0094, 42.6823, 29.3575



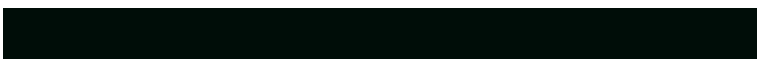
15.9216, 21.4008, 33.4297



6.2880, 6.9879, 7.4398



11.2001, 19.5435, 12.5403



0.1849, 0.2991, 0.2792

Inverse Universe

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



15.3484, 8.8180, 8.6788



25.5356, 13.3874, 10.2764



14.7453, 9.4023, 2.9575



6.2982, 6.2584, 6.9504



11.4699, 5.8422, 3.7335



0.1881, 0.0940, 0.1431

Previews

White Background



This preview shows how the XYZ color 15.0972, 24.3615, 18.9455 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 15.0972, 24.3615, 18.9455 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 15.0972, 24.3615, 18.9455

Background



This preview shows how black text looks on a background with the XYZ color 15.0972, 24.3615, 18.9455.



This preview shows how white text looks on a background with the XYZ color 15.0972, 24.3615,

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

15.0972, 24.3615, 18.9455

Protanopia

22.4250, 23.9388, 16.0091

Deuteranopia

24.3291, 23.8315, 19.8407



Tritanopia

18.6783, 24.3948, 36.5251

Trichromacy



Original Color

15.0972, 24.3615, 18.9455

Protanomaly

18.0185, 23.1338, 16.8802

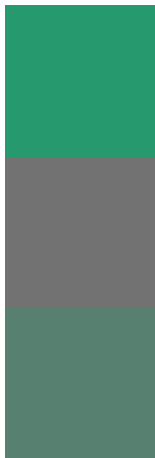
Deuteranomaly

18.8078, 22.8366, 19.3362

Tritanomaly

17.1513, 24.2322, 29.3645

Monochromacy



Original Color

15.0972, 24.3615, 18.9455

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

14.6303, 18.6568, 18.4528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0972, 24.3615, 18.9455 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(39, 153, 111)` looks like.

```
.text, #text, p{  
  color:rgb(39, 153, 111)  
}
```

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(39, 153, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 153, 111) }
```

Border

The CSS property to change the border of an element to XYZ 15.0972, 24.3615, 18.9455 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(39, 153, 111) }
```


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

```
.border{ border-color:rgb(39, 153, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 153, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 153, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 153, 111);  
box-shadow:4px 4px 4px 4px rgb(39, 153,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0972, 24.3615, 18.9455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 153, 111) }
```

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

```
.background{ background-color: rgb(39, 153,  
111) }
```

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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