

Converting Colors

XYZ(24.3539, 23.3547, 24.8346)

Have a look what the booklet for
XYZ(24.3539, 23.3547, 24.8346)
contains.

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Color

**XYZ(24.2638, 23.3015,
24.6915)**

Conversions

Conversions Part 1

Format	Color
Hex	967F83
RGB	150, 127, 131
RGB Percent	59%, 50%, 51%
CMY	0.4118, 0.5019, 0.4863
CMYK	0.00, 0.15, 0.13, 0.41
HSL	350°, 10%, 54%
HSV	350°, 15%, 59%
XYZ	24.2638, 23.3015, 24.6915
YIQ	134.3330, 12.4240, 6.1200

Conversions

Conversions Part 2

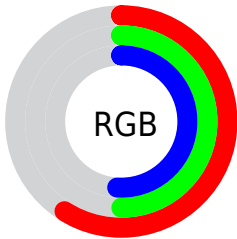
Format	Color
R_{YB}	150, 127, 131
Decimal	9863043
CIE Lab	55.38, 9.50, 1.11
CIE LCh	55, 9.569, 6.657
Yxy	23.3015, 0.3358, 0.3225
Android (android.graphics.Color)	4288053123 (0xFF967F83)
YUV	134.3330, -1.6432, 13.7400
Hunter-Lab	48.2716, 5.2479, 3.4626

Details

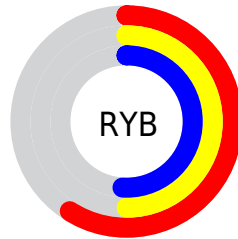
The XYZ color **24.2638, 23.3015, 24.6915** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.8480, 28.4007, 31.3679**, and the grayscale version is **22.7857, 23.9724, 26.1059**.

A 20% lighter version of the original color is **49.8748, 48.9406, 52.1652**, and **9.3930, 8.7106, 9.1689** is the 20% darker color. If you saturate the color by 10%, you get **21.6786, 19.3958, 19.9307**, and if you desaturate by 10%, it is **27.2392, 27.8264, 30.0786**.

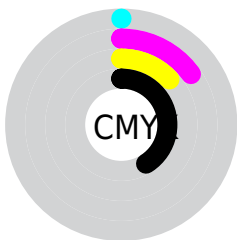
Distribution



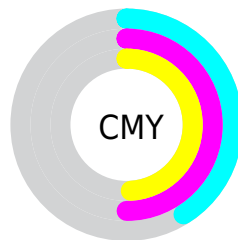
- Red (59%)
- Green (50%)
- Blue (51%)



- Red (59%)
- Yellow (50%)
- Blue (51%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (41%)



- Cyan (41%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2638, 23.3015, 24.6915 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 24.2638, 23.3015, 24.6915 by changing the saturation by 10% instead.

■ 24.2638, 23.3015,
24.6915

■ 24.2638, 23.3015,
24.6915

266.5673,
269.2698, 289.6964

■ 15.6552, 14.8163,
15.6304

■ 49.9119, 48.8879,
52.1142

■ 9.3698, 8.6906,
9.1115

■ 67.6821, 66.7579,
71.3129

■ 5.0422, 4.5399,
4.7162

■ 89.2369, 88.5250,
94.7279

■ 2.3071, 1.9799,
2.0259

114.9417,
114.5735, 122.7778

■ 0.7983, 0.5958,
0.5711

145.1617,
145.2878, 155.8810

■ 0.0000, 0.0000,
0.0000

180.2624,

181.0524, 194.4562

220.6092,
222.2516, 238.9218

■ 24.2638, 23.3015,
24.6915

■ 24.2638, 23.3015,
24.6915

■ 21.6786, 19.3958,
19.9307

■ 27.2392, 27.8264,
30.0786

■ 19.4655, 16.0792,
15.7720

■ 30.6181, 32.9925,
36.1123

■ 17.6078, 13.3242,
12.1916

■ 34.4157, 38.8245,
42.8136

■ 16.0865, 11.0994,
9.1637

■ 38.6457, 45.3451,
50.2021

■ 14.8812, 9.3705,
6.6605

■ 43.3211, 52.5758,
58.2968

■ 13.9691, 8.0993,
4.6515

■ 48.4545, 60.5371,
67.1158

■ 13.3241, 7.2418,
3.1032

■ 54.0580, 69.2487,
76.6764

■ 12.9126, 6.7396,
1.9767

■ 60.1431, 78.7296,
86.9957

■ 12.7650, 6.5590,
1.5747

■ 64.4457, 84.4472,
97.3314

Harmonies

Analogous

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



24.0992, 23.3015, 27.7891



24.2638, 23.3015, 24.6915



23.8467, 23.3015, 21.9998

Triad

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



24.2638, 23.3015, 24.6915



20.9365, 23.3015, 20.9140



21.3387, 23.3015, 31.2018

Complementary

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



24.2638, 23.3015, 24.6915



24.8480, 28.4007, 31.3679

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.



20.5308, 23.3015, 29.0710



24.2638, 23.3015, 24.6915



20.3039, 23.3015, 23.0981

Square

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



24.2638, 23.3015, 24.6915



21.9087, 23.3015, 19.9358



20.1577, 23.3015, 26.0636



22.3878, 23.3015, 31.7148

Rectangle

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



24.2638, 23.3015, 24.6915



23.3026, 23.3015, 20.7418



20.1577, 23.3015, 26.0636



21.0309, 23.3015, 30.6431

Sweetspot

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



24.2645, 23.3025, 24.6920



48.2012, 49.3060, 53.3163



24.9107, 23.4730, 32.0722



10.6035, 10.8072, 11.6745



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.2645, 23.3025, 24.6920



41.3702, 38.9261, 40.9204



24.9735, 25.1459, 23.6174



5.8395, 5.8309, 6.2610



10.5958, 5.4434, 1.3527



0.1374, 0.0697, 0.0571

Inverse Universe

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



24.2645, 23.3025, 24.6920



41.3702, 38.9261, 40.9204



24.0383, 26.2748, 32.6590



5.8395, 5.8309, 6.2610



10.5958, 5.4434, 1.3527



0.1374, 0.0697, 0.0571

Previews

White Background



This preview shows how the XYZ color 24.2638, 23.3015, 24.6915 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 24.2638, 23.3015, 24.6915 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 24.2638, 23.3015, 24.6915

Background



This preview shows how black text looks on a background with the XYZ color 24.2638, 23.3015, 24.6915.



This preview shows how white text looks on a background with the XYZ color 24.2638, 23.3015,

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

24.2638, 23.3015, 24.6915

Protanopia

22.5460, 23.3747, 25.8777

Deuteranopia

23.6700, 23.1880, 24.7009



Tritanopia

24.6673, 23.2786, 26.4857

Trichromacy



Original Color

24.2638, 23.3015, 24.6915

Protanomaly

23.0315, 23.2342, 25.4611

Deuteranomaly

23.8485, 23.2801, 24.7093

Tritanomaly

24.5264, 23.2222, 25.7439

Monochromacy



Original Color

24.2638, 23.3015, 24.6915

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.1652, 23.5015, 25.5056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2638, 23.3015, 24.6915 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(150, 127, 131)` looks like.

```
.text, #text, p{  
    color:rgb(150, 127, 131)  
}
```

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(150, 127, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 127, 131) }
```

Border

The CSS property to change the border of an element to XYZ 24.2638, 23.3015, 24.6915 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(150, 127, 131) }
```


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

```
.border{ border-color:rgb(150, 127, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 127, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 127, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 127, 131);  
box-shadow:4px 4px 4px 4px rgb(150, 127,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2638, 23.3015, 24.6915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 127, 131) }
```

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

```
.background{ background-color: rgb(150,  
127, 131) }
```

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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