

Converting Colors

XYZ(23.4288, 26.6174, 15.9594)

Have a look what the booklet for
XYZ(23.4288, 26.6174, 15.9594)
contains.

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Color

**XYZ(23.4288, 26.6174,
15.9594)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9064
RGB	142, 144, 100
RGB Percent	56%, 56%, 39%
CMY	0.4431, 0.4353, 0.6078
CMYK	0.01, 0.00, 0.31, 0.44
HSL	63°, 18%, 48%
HSV	63°, 31%, 56%
XYZ	23.4288, 26.6174, 15.9594
YIQ	138.3860, 12.9320, -14.1080

Conversions

Conversions Part 2

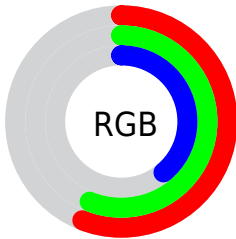
Format	Color
R_{YB}	100, 144, 102
Decimal	9343076
CIE _{Lab}	58.62, -8.13, 23.20
CIE _{LCh}	59, 24.585, 109.309
Yxy	26.6174, 0.3550, 0.4033
Android (android.graphics.Color)	4287533156 (0xFF8E9064)
YUV	138.3860, -18.9243, 3.1695
Hunter-Lab	51.5921, -9.2263, 17.7738

Details

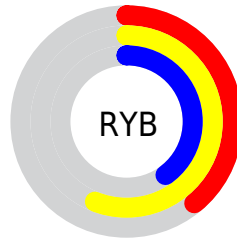
The XYZ color **23.4288, 26.6174, 15.9594** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.0717, 13.9534, 28.2860**, and the grayscale version is **24.3722, 25.6414, 27.9235**.

A 20% lighter version of the original color is **48.5449, 54.3583, 37.2118**, and **8.9597, 10.4866, 4.9200** is the 20% darker color. If you saturate the color by 10%, you get **22.6806, 26.3061, 12.6022**, and if you desaturate by 10%, it is **24.3022, 26.9807, 19.9667**.

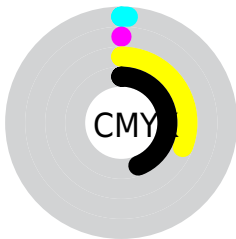
Distribution



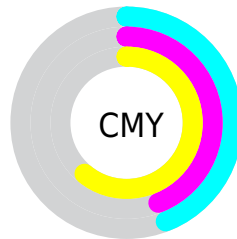
- Red (56%)
- Green (56%)
- Blue (39%)



- Red (39%)
- Yellow (56%)
- Blue (40%)



- Cyan (1%)
- Magenta (0%)
- Yellow (31%)
- Black (44%)



- Cyan (44%)
- Magenta (44%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4288, 26.6174, 15.9594 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 23.4288, 26.6174, 15.9594 by changing the saturation by 10% instead.

■ 23.4288, 26.6174,
15.9594

■ 23.4288, 26.6174,
15.9594

262.4142,
285.7998, 240.9396

■ 15.0329, 17.2861,
9.3414

■ 48.5580, 54.2693,
37.2935

■ 8.9289, 10.4387,
4.8647

■ 66.0219, 73.3587,
52.8467

■ 4.7516, 5.6908,
2.1107

■ 87.2392, 96.4695,
72.2153

■ 2.1355, 2.6580,
0.6221

■ 112.5753,
123.9863, 95.8180

■ 0.7084, 0.9559,
0.0000

142.3955,
156.2933, 124.0732

■ 0.0000, 0.0000,
0.0000

177.0651,

193.7749, 157.3995

216.9496,
236.8157, 196.2154

■ 23.4288, 26.6174,
15.9594

■ 23.4288, 26.6174,
15.9594

■ 22.6806, 26.3061,
12.6022

■ 24.3022, 26.9807,
19.9667

■ 22.0492, 26.0406,
9.8593

■ 25.3049, 27.3949,
24.6540

■ 21.5281, 25.8194,
7.6938

■ 26.4430, 27.8634,
30.0516

■ 21.1094, 25.6392,
6.0645

■ 27.7220, 28.3882,
36.1872

■ 20.7843, 25.4965,
4.9244

■ 29.1468, 28.9715,
43.0872

■ 20.5424, 25.3871,
4.2188

■ 30.7222, 29.6151,
50.7767

■ 20.3636, 25.3038,
3.8108

■ 32.4528, 30.3208,
59.2796

■ 34.3428, 31.0904,
68.6188

■ 36.3964, 31.9255,
78.8162

Harmonies

Analogous

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



26.3906, 26.6174, 15.5292



23.4288, 26.6174, 15.9594



21.1502, 26.6174, 19.4428

Triad

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



23.4288, 26.6174, 15.9594



21.7020, 26.6174, 43.4934



31.4387, 26.6174, 32.1747

Complementary

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



23.4288, 26.6174, 15.9594



15.0717, 13.9534, 28.2860

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.



29.9578, 26.6174, 41.2201



23.4288, 26.6174, 15.9594



24.2380, 26.6174, 48.5660

Square

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



23.4288, 26.6174, 15.9594



20.2094, 26.6174, 34.8302



27.2663, 26.6174, 47.6600



31.1786, 26.6174, 23.8277

Rectangle

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



23.4288, 26.6174, 15.9594



20.2506, 26.6174, 23.4988



27.2663, 26.6174, 47.6600



31.1236, 26.6174, 35.2576

Sweetspot

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



23.4295, 26.6186, 15.9600



44.8903, 48.4230, 44.7122



18.5018, 16.2483, 14.2180



10.2365, 11.0806, 9.9809



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.4295, 26.6186, 15.9600



40.3492, 46.5408, 23.7710



20.0944, 24.8993, 15.8039



5.8156, 6.2731, 5.7937



17.7374, 22.0366, 3.3186



0.1744, 0.2132, 0.0320

Inverse Universe

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



15.0717, 13.9534, 28.2860



23.0751, 20.3607, 49.2519



17.8273, 15.3740, 28.4150



5.1509, 5.2660, 6.7737



4.4608, 1.7932, 23.0881



0.0463, 0.0190, 0.2209

Previews

White Background



This preview shows how the XYZ color 23.4288, 26.6174, 15.9594 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 23.4288, 26.6174, 15.9594 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 23.4288, 26.6174, 15.9594

Background



This preview shows how black text looks on a background with the XYZ color 23.4288, 26.6174, 15.9594.



This preview shows how white text looks on a background with the XYZ color 23.4288, 26.6174,

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

23.4288, 26.6174, 15.9594

Protanopia

24.7259, 26.6260, 15.6405

Deuteranopia

26.9986, 26.5027, 16.2629



Tritanopia

26.7260, 26.6428, 32.1677

Trichromacy



Original Color

23.4288, 26.6174, 15.9594

Protanomaly

24.1379, 26.5428, 15.6554

Deuteranomaly

25.5380, 26.3856, 16.0589

Tritanomaly

25.3289, 26.5059, 25.2539

Monochromacy



Original Color

23.4288, 26.6174, 15.9594

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.6636, 25.7004, 22.7822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4288, 26.6174, 15.9594 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(142, 144, 100)` looks like.

```
.text, #text, p{  
    color:rgb(142, 144, 100)  
}
```

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(142, 144, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 144, 100) }
```

Border

The CSS property to change the border of an element to XYZ 23.4288, 26.6174, 15.9594 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(142, 144, 100) }
```


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

```
.border{ border-color:rgb(142, 144, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 144, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 144, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 144, 100);  
box-shadow:4px 4px 4px 4px rgb(142, 144,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4288, 26.6174, 15.9594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 144, 100) }
```

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

```
.background{ background-color: rgb(142,  
144, 100) }
```

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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