

Converting Colors

XYZ(23.2419, 26.6440, 10.3964)

Have a look what the booklet for
XYZ(23.2419, 26.6440, 10.3964)
contains.

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Color

**XYZ(23.2419, 26.6440,
10.3964)**

Conversions

Conversions Part 1

Format	Color
Hex	93904A
RGB	147, 144, 74
RGB Percent	58%, 56%, 29%
CMY	0.4235, 0.4353, 0.7098
CMYK	0.00, 0.02, 0.50, 0.42
HSL	58°, 33%, 43%
HSV	58°, 50%, 58%
XYZ	23.2419, 26.6440, 10.3964
YIQ	136.9170, 24.2580, -21.1340

Conversions

Conversions Part 2

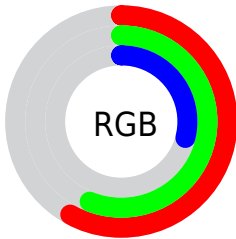
Format	Color
R_{YB}	77, 147, 74
Decimal	9670730
CIE Lab	58.64, -9.07, 37.28
CIE LCh	59, 38.371, 103.676
Yxy	26.6440, 0.3856, 0.4420
Android (android.graphics.Color)	4287860810 (0xFF93904A)
YUV	136.9170, -31.0181, 8.8428
Hunter-Lab	51.6178, -9.9582, 24.1908

Details

The XYZ color **23.2419, 26.6440, 10.3964** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.7443, 8.8699, 28.7494**, and the grayscale version is **23.8542, 25.0964, 27.3300**.

A 20% lighter version of the original color is **48.1893, 54.4000, 27.0292**, and **8.8053, 10.4597, 2.5321** is the 20% darker color. If you saturate the color by 10%, you get **22.7126, 26.2874, 8.0558**, and if you desaturate by 10%, it is **23.8887, 27.0503, 13.3479**.

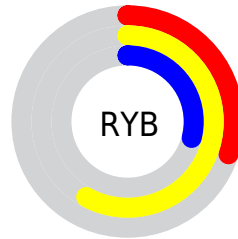
Distribution



Red (58%)

Green (56%)

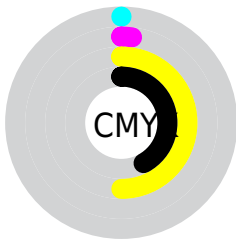
Blue (29%)



Red (30%)

Yellow (58%)

Blue (29%)

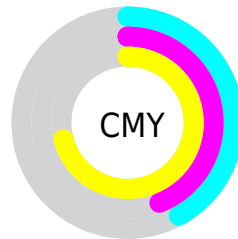


Cyan (0%)

Magenta (2%)

Yellow (50%)

Black (42%)



Cyan (42%)

Magenta (44%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2419, 26.6440, 10.3964 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 23.2419, 26.6440, 10.3964 by changing the saturation by 10% instead.

■ 23.2419, 26.6440,
10.3964

■ 23.2419, 26.6440,
10.3964

261.4772,
285.9293, 204.0648

■ 14.8939, 17.3060,
5.5535

■ 48.2540, 54.3121,
27.1579

■ 8.8308, 10.4529,
2.5112

■ 65.6487, 73.4110,
39.9135

■ 4.6872, 5.7003,
0.8461

■ 86.7898, 96.5323,
56.1439

■ 2.0978, 2.6637,
0.0000

■ 112.0426,
124.0605, 76.2675

■ 0.6880, 0.9588,
0.0000

■ 141.7723,
156.3798, 100.7028

■ 0.0000, 0.0000,
0.0000

176.3444,

193.8748, 129.8685

216.1243,
236.9299, 164.1829

■ 23.2419, 26.6440,
10.3964

■ 23.2419, 26.6440,
10.3964

■ 22.7126, 26.2874,
8.0558

■ 23.8887, 27.0503,
13.3479

■ 22.2907, 25.9737,
6.2812

■ 24.6586, 27.5056,
16.9475

■ 21.9676, 25.7002,
5.0246

■ 25.5588, 28.0138,
21.2314

■ 21.7325, 25.4627,
4.2289

■ 26.5958, 28.5776,
26.2329

■ 21.5584, 25.2504,
3.7520

■ 27.7754, 29.1991,
31.9827

■ 21.5526, 25.2432,
3.7365

■ 29.1030, 29.8807,
38.5102

■ 30.5841, 30.6244,
45.8428

■ 32.2234, 31.4322,
54.0068

■ 34.0259, 32.3061,
63.0272

Harmonies

Analogous

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



27.9573, 26.6440, 10.5537



23.2419, 26.6440, 10.3964



19.5684, 26.6440, 13.9992

Triad

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



23.2419, 26.6440, 10.3964



19.3202, 26.6440, 50.8737



35.0529, 26.6440, 36.9324

Complementary

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



23.2419, 26.6440, 10.3964



10.7443, 8.8699, 28.7494

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.



32.1110, 26.6440, 52.1166



23.2419, 26.6440, 10.3964



22.8621, 26.6440, 61.7191

Square

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



23.2419, 26.6440, 10.3964



17.5013, 26.6440, 35.5887



27.5276, 26.6440, 62.2339



35.1877, 26.6440, 23.2978

Rectangle

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



23.2419, 26.6440, 10.3964



18.0404, 26.6440, 18.9582



27.5276, 26.6440, 62.2339



34.3445, 26.6440, 42.1062

Sweetspot

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



23.2425, 26.6452, 10.3970



46.5497, 50.5960, 41.7577



15.8442, 11.6459, 8.5553



10.5468, 11.5065, 9.1499



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.



23.2425, 26.6452, 10.3970



40.5439, 46.9839, 13.8609



18.6288, 24.9493, 10.3128



6.2453, 6.7043, 6.2054



18.6896, 21.8937, 3.2409



0.2338, 0.2782, 0.0414

Inverse Universe

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



10.7443, 8.8699, 28.7494



15.4099, 11.2456, 50.7930



13.7608, 10.1210, 28.8319



5.5174, 5.6689, 7.2731



4.6271, 1.9490, 24.0633



0.0604, 0.0314, 0.2958

Previews

White Background



This preview shows how the XYZ color 23.2419, 26.6440, 10.3964 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 23.2419, 26.6440, 10.3964 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 23.2419, 26.6440, 10.3964

Background



This preview shows how black text looks on a background with the XYZ color 23.2419, 26.6440, 10.3964.



This preview shows how white text looks on a background with the XYZ color 23.2419, 26.6440,

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

23.2419, 26.6440, 10.3964

Protanopia

24.4378, 26.5987, 10.1494

Deuteranopia

27.0632, 26.4562, 10.5177



Tritanopia

27.5882, 26.6835, 31.3001

Trichromacy



Original Color

23.2419, 26.6440, 10.3964

Protanomaly

24.0125, 26.5993, 10.1719

Deuteranomaly

25.6683, 26.5775, 10.4337

Tritanomaly

25.5717, 26.4967, 21.5359

Monochromacy



Original Color

23.2419, 26.6440, 10.3964

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.3999, 25.6338, 19.6341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2419, 26.6440, 10.3964 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(147, 144, 74)` looks like.

```
.text, #text, p{  
    color:rgb(147, 144, 74)  
}
```

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(147, 144, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 144, 74) }
```

Border

The CSS property to change the border of an element to XYZ 23.2419, 26.6440, 10.3964 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(147, 144, 74) }
```


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

```
.border{ border-color:rgb(147, 144, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 144, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 144, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 144, 74);  
box-shadow:4px 4px 4px 4px rgb(147, 144,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2419, 26.6440, 10.3964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 144, 74) }
```

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

```
.background{ background-color: rgb(147,  
144, 74) }
```

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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