

Converting Colors

XYZ(23.0370, 24.4008, 10.6108)

Have a look what the booklet for
XYZ(23.0370, 24.4008, 10.6108)
contains.

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Color

**XYZ(23.0371, 24.3726,
10.6979)**

Conversions

Conversions Part 1

Format	Color
Hex	99864E
RGB	153, 134, 78
RGB Percent	60%, 53%, 31%
CMY	0.4000, 0.4745, 0.6941
CMYK	0.00, 0.12, 0.49, 0.40
HSL	45°, 32%, 45%
HSV	45°, 49%, 60%
XYZ	23.0371, 24.3726, 10.6979
YIQ	133.2970, 29.3000, -13.3880

Conversions

Conversions Part 2

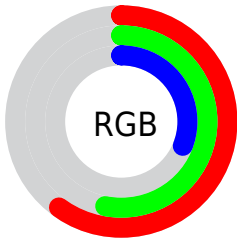
Format	Color
RYB	103, 153, 78
Decimal	10061390
CIELab	56.46, -0.58, 32.64
CIELCh	56, 32.647, 91.014
Yxy	24.3726, 0.3965, 0.4194
Android (android.graphics.Color)	4288251470 (0xFF99864E)
YUV	133.2970, -27.2614, 17.2795
Hunter-Lab	49.3686, -3.1008, 21.7102

Details

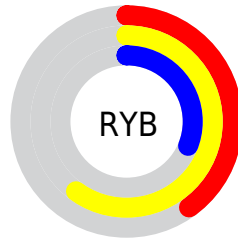
The XYZ color **23.0371, 24.3726, 10.6979** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.1661, 12.4684, 31.8495**, and the grayscale version is **22.4920, 23.6633, 25.7694**.

A 20% lighter version of the original color is **47.9611, 50.6545, 27.6715**, and **8.7514, 9.3053, 2.6312** is the 20% darker color. If you saturate the color by 10%, you get **22.0255, 23.1275, 7.9622**, and if you desaturate by 10%, it is **24.1972, 25.7103, 14.1133**.

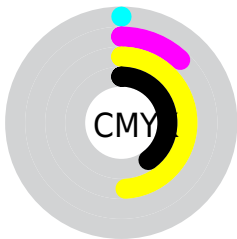
Distribution



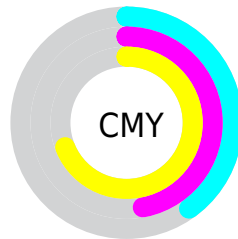
- Red (60%)
- Green (53%)
- Blue (31%)



- Red (40%)
- Yellow (60%)
- Blue (31%)



- Cyan (0%)
- Magenta (12%)
- Yellow (49%)
- Black (40%)



- Cyan (40%)
- Magenta (47%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0371, 24.3726, 10.6979 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 23.0371, 24.3726, 10.6979 by changing the saturation by 10% instead.

■ 23.0371, 24.3726,
10.6979

■ 23.0371, 24.3726,
10.6979

260.4473,
274.6988, 206.2456

■ 14.7417, 15.6102,
5.7525

■ 47.9204, 50.6375,
27.7282

■ 8.7235, 9.2488,
2.6288

■ 65.2392, 68.9089,
40.6502

■ 4.6169, 4.9038,
0.9073

■ 86.2964, 91.1188,
57.0681

■ 2.0567, 2.1909,
0.0000

■ 111.4574,
117.6515, 77.4005

■ 0.6655, 0.7150,
0.0000

■ 141.0877,
148.8915, 102.0659

■ 0.0000, 0.0000,
0.0000

175.5525,

185.2231, 131.4828

215.2172,
227.0307, 166.0699

■ 23.0371, 24.3726,
10.6979

■ 23.0371, 24.3726,
10.6979

■ 22.0255, 23.1275,
7.9622

■ 24.1972, 25.7103,
14.1133

■ 21.1514, 21.9675,
5.8574

■ 25.5122, 27.1409,
18.2498

■ 20.4051, 20.8894,
4.3304

■ 26.9905, 28.6688,
23.1472

■ 19.7744, 19.8880,
3.3188

■ 28.6392, 30.2972,
28.8418

■ 19.2335, 18.9525,
2.6876

■ 30.4649, 32.0291,
35.3678

■ 19.1822, 18.8630,
2.6299

■ 32.4739, 33.8674,
42.7572

■ 34.6721, 35.8146,
51.0405

■ 37.0652, 37.8734,
60.2465

■ 39.6586, 40.0461,
70.4028

Harmonies

Analogous

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



26.8670, 24.3726, 12.1820



23.0371, 24.3726, 10.6979



19.6204, 24.3726, 12.4024

Triad

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



23.0371, 24.3726, 10.6979



17.4806, 24.3726, 38.7653



30.1186, 24.3726, 37.9501

Complementary

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



23.0371, 24.3726, 10.6979



13.1661, 12.4684, 31.8495

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.



27.1136, 24.3726, 48.6595



23.0371, 24.3726, 10.6979



19.8204, 24.3726, 49.2132

Square

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



23.0371, 24.3726, 10.6979



16.6348, 24.3726, 26.9075



23.2942, 24.3726, 53.2474



31.2142, 24.3726, 26.1711

Rectangle

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



23.0371, 24.3726, 10.6979



17.9652, 24.3726, 15.4828



23.2942, 24.3726, 53.2474



29.2832, 24.3726, 41.8962

Sweetspot

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



23.0377, 24.3737, 10.6984



49.4000, 52.4071, 45.0800



18.0659, 13.1031, 13.1325



10.7854, 11.4497, 9.5345



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.



23.0377, 24.3737, 10.6984



39.2536, 41.1729, 13.7712



22.8387, 28.5249, 11.5101



6.5764, 6.9579, 6.6022



15.8813, 15.6450, 2.1828



0.2657, 0.2904, 0.0420

Inverse Universe

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



13.1661, 12.4684, 31.8495



19.4519, 17.3207, 56.2900



13.2458, 10.2087, 31.4092



6.0053, 6.2680, 7.8223



5.3686, 3.1338, 25.2296



0.1061, 0.0985, 0.3858

Previews

White Background



This preview shows how the XYZ color 23.0371, 24.3726, 10.6979 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 23.0371, 24.3726, 10.6979 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 23.0371, 24.3726, 10.6979

Background



This preview shows how black text looks on a background with the XYZ color 23.0371, 24.3726, 10.6979.



This preview shows how white text looks on a background with the XYZ color 23.0371, 24.3726,

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

23.0371, 24.3726, 10.6979

Protanopia

22.6099, 24.5624, 10.9465

Deuteranopia

24.7786, 24.2644, 10.7747



Tritanopia

26.4028, 24.3558, 26.9765

Trichromacy



Original Color

23.0371, 24.3726, 10.6979

Protanomaly

22.6529, 24.3765, 10.9083

Deuteranomaly

24.2255, 24.3742, 10.8250

Tritanomaly

25.0396, 24.3943, 19.9118

Monochromacy



Original Color

23.0371, 24.3726, 10.6979

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.1834, 23.5428, 18.9978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0371, 24.3726, 10.6979 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(153, 134, 78)` looks like.

```
.text, #text, p{  
    color:rgb(153, 134, 78)  
}
```

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(153, 134, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 134, 78) }
```

Border

The CSS property to change the border of an element to XYZ 23.0371, 24.3726, 10.6979 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(153, 134, 78) }
```


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

```
.border{ border-color:rgb(153, 134, 78) }
```

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

Here you see how a box with a 4 pixel rgb(153, 134, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 134, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 134, 78);  
box-shadow:4px 4px 4px 4px rgb(153, 134,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0371, 24.3726, 10.6979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 134, 78) }
```

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

```
.background{ background-color: rgb(153,  
134, 78) }
```

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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