

Converting Colors

XYZ(23.8753, 24.1380, 14.8562)

Have a look what the booklet for
XYZ(23.8753, 24.1380, 14.8562)
contains.

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Color

**XYZ(23.8385, 24.0830,
14.9473)**

Conversions

Conversions Part 1

Format	Color
Hex	9B8362
RGB	155, 131, 98
RGB Percent	61%, 51%, 38%
CMY	0.3922, 0.4863, 0.6157
CMYK	0.00, 0.15, 0.37, 0.39
HSL	35°, 23%, 50%
HSV	35°, 37%, 61%
XYZ	23.8385, 24.0830, 14.9473
YIQ	134.4140, 24.8970, -5.1750

Conversions

Conversions Part 2

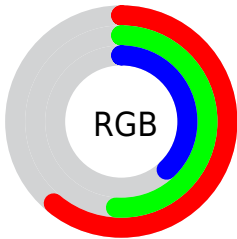
Format	Color
RYB	139, 155, 98
Decimal	10191714
CIELab	56.17, 4.24, 21.26
CIELCh	56, 21.678, 78.726
Yxy	24.0830, 0.3792, 0.3831
Android (android.graphics.Color)	4288381794 (0xFF9B8362)
YUV	134.4140, -17.9521, 18.0539
Hunter-Lab	49.0744, 0.8283, 16.2933

Details

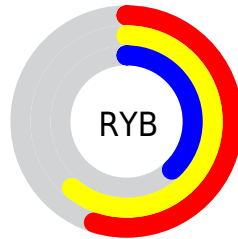
The XYZ color **23.8385, 24.0830, 14.9473** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.9128, 18.8817, 33.7109**, and the grayscale version is **22.8706, 24.0617, 26.2031**.

A 20% lighter version of the original color is **49.1436, 50.1525, 35.5240**, and **9.2084, 9.1572, 4.4141** is the 20% darker color. If you saturate the color by 10%, you get **22.3275, 22.1210, 11.1760**, and if you desaturate by 10%, it is **25.5477, 26.2144, 19.4845**.

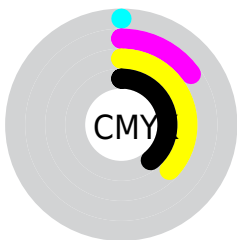
Distribution



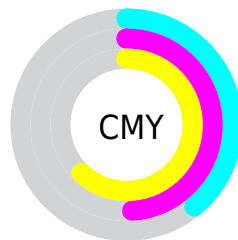
- Red (61%)
- Green (51%)
- Blue (38%)



- Red (55%)
- Yellow (61%)
- Blue (38%)



- Cyan (0%)
- Magenta (15%)
- Yellow (37%)
- Black (39%)



- Cyan (39%)
- Magenta (49%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8385, 24.0830, 14.9473 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 23.8385, 24.0830, 14.9473 by changing the saturation by 10% instead.

■ 23.8385, 24.0830,
14.9473

■ 23.8385, 24.0830,
14.9473

264.4586,
273.2398, 234.6768

■ 15.3380, 15.3952,
8.6362

■ 49.2231, 50.1656,
35.5017

■ 9.1448, 9.0972,
4.4111

■ 66.8379, 68.3292,
50.5821

■ 4.8936, 4.8046,
1.8535

■ 88.2215, 90.4202,
69.4226

■ 2.2191, 2.1331,
0.4629

■ 113.7392,
116.8230, 92.4419

■ 0.7528, 0.6831,
0.0000

143.7564,
147.9219, 120.0584

■ 0.0000, 0.0000,
0.0000

178.6385,

184.1015, 152.6907

218.7508,
225.7460, 190.7573

■ 23.8385, 24.0830,
14.9473

■ 23.8385, 24.0830,
14.9473

■ 22.3275, 22.1210,
11.1760

■ 25.5477, 26.2144,
19.4845

■ 21.0037, 20.3197,
8.1254

■ 27.4617, 28.5167,
24.8262

■ 19.8575, 18.6745,
5.7481

■ 29.5892, 30.9959,
31.0101

■ 18.8777, 17.1792,
3.9901

■ 31.9377, 33.6564,
38.0713

■ 18.0514, 15.8270,
2.7889

■ 34.5143, 36.5025,
46.0426

■ 17.3593, 14.6081,
2.0483

■ 37.3258, 39.5384,
54.9553

■ 17.1524, 14.2382,
1.8442

■ 40.3786, 42.7680,
64.8392

■ 43.6789, 46.1951,
75.7226

■ 47.2327, 49.8236,
87.6328

Harmonies

Analogous

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



26.1942, 24.0830, 17.2118



23.8385, 24.0830, 14.9473



21.3879, 24.0830, 15.2665

Triad

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



23.8385, 24.0830, 14.9473



18.6506, 24.0830, 30.8730



26.6784, 24.0830, 36.3417

Complementary

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



23.8385, 24.0830, 14.9473



17.9128, 18.8817, 33.7109

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.



24.4611, 24.0830, 41.4612



23.8385, 24.0830, 14.9473



19.8763, 24.0830, 37.9301

Square

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



23.8385, 24.0830, 14.9473



18.5105, 24.0830, 23.6332



21.9673, 24.0830, 42.0901



27.9113, 24.0830, 28.9939

Rectangle

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



23.8385, 24.0830, 14.9473



20.0250, 24.0830, 16.9177



21.9673, 24.0830, 42.0901



26.0163, 24.0830, 38.4332

Sweetspot

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



23.8391, 24.0841, 14.9478



51.2509, 53.4988, 50.4271



21.4418, 17.1267, 20.8165



11.4928, 11.9838, 11.1014



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.8391, 24.0841, 14.9478



40.4781, 40.2669, 21.2062



26.7258, 30.9231, 16.1157



6.4908, 6.7868, 6.5737



13.8151, 11.5127, 1.4940



0.2424, 0.2439, 0.0343

Inverse Universe

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



17.9128, 18.8817, 33.7109



28.3083, 29.5901, 59.7557



15.7412, 13.9153, 32.8667



6.0875, 6.4324, 7.8497



6.3183, 5.0333, 25.5462



0.1293, 0.1449, 0.3935

Previews

White Background



This preview shows how the XYZ color 23.8385, 24.0830, 14.9473 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 23.8385, 24.0830, 14.9473 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 23.8385, 24.0830, 14.9473

Background



This preview shows how black text looks on a background with the XYZ color 23.8385, 24.0830, 14.9473.



This preview shows how white text looks on a background with the XYZ color 23.8385, 24.0830,

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

23.8385, 24.0830, 14.9473

Protanopia

22.6413, 24.2678, 15.5474

Deuteranopia

24.5521, 24.0559, 14.9045



Tritanopia

26.2029, 24.0702, 26.5575

Trichromacy



Original Color

23.8385, 24.0830, 14.9473

Protanomaly

23.1717, 24.3406, 15.2813

Deuteranomaly

24.2878, 24.1162, 14.9301

Tritanomaly

25.3326, 24.1126, 21.7314

Monochromacy



Original Color

23.8385, 24.0830, 14.9473

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.9940, 23.9063, 21.4916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8385, 24.0830, 14.9473 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(155, 131, 98)` looks like.

```
.text, #text, p{  
    color:rgb(155, 131, 98)  
}
```

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(155, 131, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 131, 98) }
```

Border

The CSS property to change the border of an element to XYZ 23.8385, 24.0830, 14.9473 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(155, 131, 98) }
```


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

```
.border{ border-color:rgb(155, 131, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 131, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 131, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 131, 98);  
box-shadow:4px 4px 4px 4px rgb(155, 131,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8385, 24.0830, 14.9473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 131, 98) }
```

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

```
.background{ background-color: rgb(155,  
131, 98) }
```

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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