

Converting Colors

XYZ(24.0390, 26.0313, 16.5895)

Have a look what the booklet for
XYZ(24.0390, 26.0313, 16.5895)
contains.

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Color

**XYZ(24.0390, 26.0313,
16.5895)**

Conversions

Conversions Part 1

Format	Color
Hex	948C67
RGB	148, 140, 103
RGB Percent	58%, 55%, 40%
CMY	0.4196, 0.4510, 0.5961
CMYK	0.00, 0.05, 0.30, 0.42
HSL	49°, 18%, 49%
HSV	49°, 30%, 58%
XYZ	24.0390, 26.0313, 16.5895
YIQ	138.1740, 16.6450, -9.8110

Conversions

Conversions Part 2

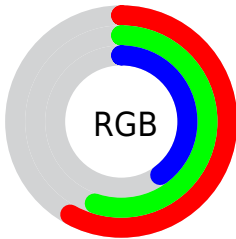
Format	Color
R_{YB}	113, 148, 103
Decimal	9735271
CIE Lab	58.07, -3.05, 20.88
CIE LCh	58, 21.103, 98.317
Yxy	26.0313, 0.3606, 0.3905
Android (android.graphics.Color)	4287925351 (0xFF948C67)
YUV	138.1740, -17.3408, 8.6174
Hunter-Lab	51.0209, -5.1845, 16.4364

Details

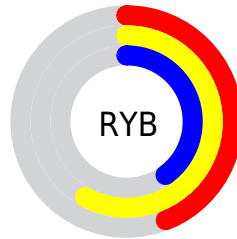
The XYZ color **24.0390, 26.0313, 16.5895** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.6232, 16.3902, 30.3046**, and the grayscale version is **24.2841, 25.5488, 27.8226**.

A 20% lighter version of the original color is **49.5313, 53.1695, 38.2240**, and **9.2997, 10.1392, 5.2083** is the 20% darker color. If you saturate the color by 10%, you get **22.9815, 25.0016, 12.8908**, and if you desaturate by 10%, it is **25.2386, 27.1343, 20.9849**.

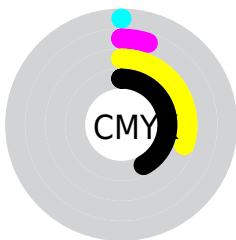
Distribution



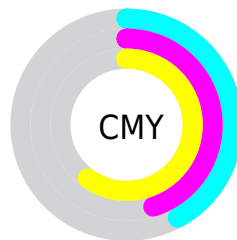
- Red (58%)
- Green (55%)
- Blue (40%)



- Red (44%)
- Yellow (58%)
- Blue (40%)



- Cyan (0%)
- Magenta (5%)
- Yellow (30%)
- Black (42%)



- Cyan (42%)
- Magenta (45%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0390, 26.0313, 16.5895 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 24.0390, 26.0313, 16.5895 by changing the saturation by 10% instead.

■ 24.0390, 26.0313,
16.5895

■ 24.0390, 26.0313,
16.5895

265.4544,
282.9357, 244.7589

■ 15.4874, 16.8471,
9.7834

■ 49.5480, 53.3254,
38.3996

■ 9.2507, 10.1255,
5.1519

■ 67.2362, 72.2041,
54.2406

■ 4.9635, 5.4823,
2.2763

■ 88.7007, 95.0831,
73.9303

■ 2.2604, 2.5329,
0.7179

■ 114.3068,
122.3467, 97.8874

■ 0.7743, 0.8931,
0.0000

144.4199,
154.3794, 126.5302

■ 0.0000, 0.0000,
0.0000

179.4052,

191.5655, 160.2774

219.6283,
234.2895, 199.5474

■ 24.0390, 26.0313,
16.5895

■ 24.0390, 26.0313,
16.5895

■ 22.9815, 25.0016,
12.8908

■ 25.2386, 27.1343,
20.9849

■ 22.0570, 24.0388,
9.8507

■ 26.5847, 28.3099,
26.1094

■ 21.2586, 23.1409,
7.4298

■ 28.0841, 29.5617,
31.9950

■ 20.5778, 22.3045,
5.5840

■ 29.7424, 30.8920,
38.6715

■ 20.0050, 21.5256,
4.2629

■ 31.5652, 32.3032,
46.1672

■ 19.5291, 20.7996,
3.4081

■ 33.5575, 33.7974,
54.5088

■ 19.1355, 20.1414,
2.8791

■ 35.7242, 35.3766,
63.7219

■ 38.0701, 37.0429,
73.8309

■ 40.5996, 38.7982,
84.8594

Harmonies

Analogous

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



26.5993, 26.0313, 17.1888



24.0390, 26.0313, 16.5895



21.8229, 26.0313, 18.6866

Triad

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



24.0390, 26.0313, 16.5895



21.0887, 26.0313, 37.9789



29.5870, 26.0313, 33.8586

Complementary

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



24.0390, 26.0313, 16.5895



16.6232, 16.3902, 30.3046

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.



27.9104, 26.0313, 40.8595



24.0390, 26.0313, 16.5895



22.9731, 26.0313, 43.5086

Square

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



24.0390, 26.0313, 16.5895



20.1978, 26.0313, 30.4253



25.4585, 26.0313, 44.6447



29.9212, 26.0313, 26.3592

Rectangle

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



24.0390, 26.0313, 16.5895



20.7972, 26.0313, 21.5856



25.4585, 26.0313, 44.6447



29.1564, 26.0313, 36.3828

Sweetspot

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



24.0397, 26.0325, 16.5900



47.2165, 50.2145, 47.2674



19.9463, 17.1499, 17.3705



10.7013, 11.3971, 10.4909



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.



24.0397, 26.0325, 16.5900



41.2096, 44.7701, 25.0121



22.8300, 27.2071, 16.8805



6.1787, 6.5712, 6.1832



16.3625, 17.2394, 2.4651



0.2187, 0.2479, 0.0363

Inverse Universe

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



16.6232, 16.3902, 30.3046



26.1274, 25.1657, 52.9150



17.5656, 15.6382, 30.1098



5.5779, 5.7898, 7.2933



4.9022, 2.4991, 24.1550



0.0756, 0.0617, 0.3008

Previews

White Background



This preview shows how the XYZ color 24.0390, 26.0313, 16.5895 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 24.0390, 26.0313, 16.5895 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

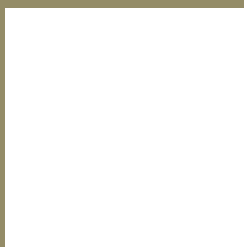
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0390, 26.0313, 16.5895

Background



This preview shows how black text looks on a background with the XYZ color 24.0390, 26.0313, 16.5895.



This preview shows how white text looks on a background with the XYZ color 24.0390, 26.0313,

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

24.0390, 26.0313, 16.5895

Protanopia

24.2585, 25.9285, 16.5581

Deuteranopia

26.5408, 26.0490, 16.7258



Tritanopia

26.7728, 25.8668, 30.3698

Trichromacy



Original Color

24.0390, 26.0313, 16.5895

Protanomaly

24.0752, 25.8341, 16.5495

Deuteranomaly

25.6009, 25.9787, 16.7618

Tritanomaly

25.5959, 25.7993, 24.7498

Monochromacy



Original Color

24.0390, 26.0313, 16.5895

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.0896, 25.6967, 23.0923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0390, 26.0313, 16.5895 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(148, 140, 103)` looks like.

```
.text, #text, p{  
    color:rgb(148, 140, 103)  
}
```

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(148, 140, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 140, 103) }
```

Border

The CSS property to change the border of an element to XYZ 24.0390, 26.0313, 16.5895 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(148, 140, 103) }
```


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

```
.border{ border-color:rgb(148, 140, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 140, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 140, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 140, 103);  
box-shadow:4px 4px 4px 4px rgb(148, 140,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0390, 26.0313, 16.5895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 140, 103) }
```

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

```
.background{ background-color: rgb(148,  
140, 103) }
```

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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