

Converting Colors

XYZ(24.2259, 26.5665, 18.5249)

Have a look what the booklet for
XYZ(24.2259, 26.5665, 18.5249)
contains.

XYZ(24.1645, 26.4915, 18.5916)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.1645, 26.4915,
18.5916)**

Conversions

Conversions Part 1

Format	Color
Hex	918E6E
RGB	145, 142, 110
RGB Percent	57%, 56%, 43%
CMY	0.4314, 0.4431, 0.5686
CMYK	0.00, 0.02, 0.24, 0.43
HSL	55°, 14%, 50%
HSV	55°, 24%, 57%
XYZ	24.1645, 26.4915, 18.5916
YIQ	139.2490, 12.0600, -9.3160

Conversions

Conversions Part 2

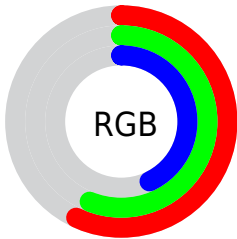
Format	Color
R_{YB}	113, 145, 110
Decimal	9539182
CIE Lab	58.50, -4.37, 17.49
CIE LCh	59, 18.032, 104.037
Yxy	26.4915, 0.3490, 0.3826
Android (android.graphics.Color)	4287729262 (0xFF918E6E)
YUV	139.2490, -14.4198, 5.0436
Hunter-Lab	51.4699, -6.2687, 14.6126

Details

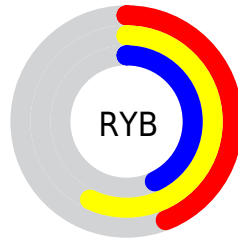
The XYZ color **24.1645, 26.4915, 18.5916** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.4463, 17.1692, 29.1826**, and the grayscale version is **24.6877, 25.9734, 28.2850**.

A 20% lighter version of the original color is **49.8147, 54.2306, 42.0245**, and **9.3127, 10.3818, 6.0705** is the 20% darker color. If you saturate the color by 10%, you get **23.2554, 25.8348, 14.7072**, and if you desaturate by 10%, it is **25.2063, 27.2063, 23.1582**.

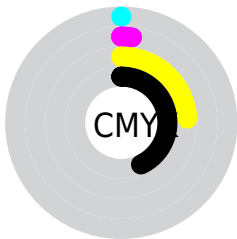
Distribution



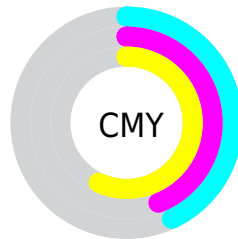
- Red (57%)
- Green (56%)
- Blue (43%)



- Red (44%)
- Yellow (57%)
- Blue (43%)



- Cyan (0%)
- Magenta (2%)
- Yellow (24%)
- Black (43%)



- Cyan (43%)
- Magenta (44%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1645, 26.4915, 18.5916 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 24.1645, 26.4915, 18.5916 by changing the saturation by 10% instead.

■ 24.1645, 26.4915,
18.5916

■ 24.1645, 26.4915,
18.5916

266.0761,
285.1865, 256.5319

■ 15.5811, 17.1917,
11.2017

■ 49.7512, 54.0668,
41.8703

■ 9.3172, 10.3713,
6.0868

■ 67.4853, 73.1111,
58.5962

■ 5.0074, 5.6458,
2.8283

■ 89.0002, 96.1723,
79.2713

■ 2.2864, 2.6309,
1.0076

■ 114.6614,
123.6349, 104.3140

■ 0.7877, 0.9422,
0.0000

144.8343,
155.8832, 134.1428

■ 0.0000, 0.0000,
0.0000

179.8841,

193.3017, 169.1764

220.1763,
236.2746, 209.8333

■ 24.1645, 26.4915,
18.5916

■ 24.1645, 26.4915,
18.5916

■ 23.2554, 25.8348,
14.7072

■ 25.2063, 27.2063,
23.1582

■ 22.4706, 25.2303,
11.4704

■ 26.3845, 27.9781,
28.4363

■ 21.8039, 24.6763,
8.8459

■ 27.7054, 28.8103,
34.4552

■ 21.2480, 24.1698,
6.7943

■ 29.1741, 29.7049,
41.2424

■ 20.7945, 23.7075,
5.2718

■ 30.7955, 30.6640,
48.8237

■ 20.4338, 23.2857,
4.2283

■ 32.5745, 31.6894,
57.2239

■ 20.1542, 22.8994,
3.6019

■ 34.5153, 32.7829,
66.4667

■ 20.0080, 22.6816,
3.3235

■ 36.6225, 33.9463,
76.5746

■ 38.9001, 35.1813,
87.5696

Harmonies

Analogous

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



26.3640, 26.4915, 18.6706



24.1645, 26.4915, 18.5916



22.3444, 26.4915, 20.9633

Triad

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



24.1645, 26.4915, 18.5916



22.2514, 26.4915, 38.1400



29.4817, 26.4915, 32.3163

Complementary

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



24.1645, 26.4915, 18.5916



17.4463, 17.1692, 29.1826

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.



28.2445, 26.4915, 38.4889



24.1645, 26.4915, 18.5916



24.0307, 26.4915, 42.1717

Square

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



24.1645, 26.4915, 18.5916



21.2844, 26.4915, 31.8927



26.2223, 26.4915, 42.3080



29.5227, 26.4915, 25.9975

Rectangle

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



24.1645, 26.4915, 18.5916



21.5550, 26.4915, 23.8466



26.2223, 26.4915, 42.3080



29.1888, 26.4915, 34.4966

Sweetspot

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



24.1652, 26.4927, 18.5922



46.5894, 49.6776, 47.9439



20.2621, 18.3755, 18.2500



10.3407, 11.0359, 10.5596



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.



24.1652, 26.4927, 18.5922



42.3569, 46.7882, 29.3444



22.3001, 26.2020, 18.6344



5.8006, 6.2075, 5.7818



17.1708, 19.4733, 2.8537



0.1717, 0.2012, 0.0298

Inverse Universe

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



17.4463, 17.1692, 29.1826



28.1644, 27.0951, 51.7190



18.9992, 17.4816, 29.1611



5.1644, 5.3246, 6.7843



4.5101, 2.0062, 23.1266



0.0490, 0.0310, 0.2231

Previews

White Background



This preview shows how the XYZ color 24.1645, 26.4915, 18.5916 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 24.1645, 26.4915, 18.5916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

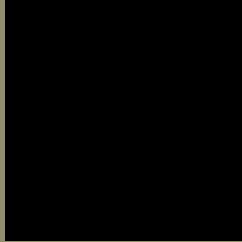
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

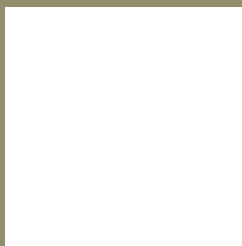
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1645, 26.4915, 18.5916

Background



This preview shows how black text looks on a background with the XYZ color 24.1645, 26.4915, 18.5916.



This preview shows how white text looks on a background with the XYZ color 24.1645, 26.4915,

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

24.1645, 26.4915, 18.5916

Protanopia

24.7161, 26.3443, 18.2503

Deuteranopia

26.8431, 26.3682, 18.7137



Tritanopia

26.8686, 26.5135, 31.7185

Trichromacy



Original Color

24.1645, 26.4915, 18.5916

Protanomaly

24.4979, 26.4498, 18.2821

Deuteranomaly

25.8623, 26.4928, 18.7894

Tritanomaly

25.7484, 26.4824, 26.3088

Monochromacy



Original Color

24.1645, 26.4915, 18.5916

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.2589, 25.9774, 24.1576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1645, 26.4915, 18.5916 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(145, 142, 110)` looks like.

```
.text, #text, p{  
    color:rgb(145, 142, 110)  
}
```

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(145, 142, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 142, 110) }
```

Border

The CSS property to change the border of an element to XYZ 24.1645, 26.4915, 18.5916 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(145, 142, 110) }
```


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

```
.border{ border-color:rgb(145, 142, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 142, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 142, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 142, 110);  
box-shadow:4px 4px 4px 4px rgb(145, 142,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1645, 26.4915, 18.5916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 142, 110) }
```

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

```
.background{ background-color: rgb(145,  
142, 110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor