

Converting Colors

XYZ(24.6418, 27.1833, 18.7000)

Have a look what the booklet for
XYZ(24.6418, 27.1833, 18.7000)
contains.

XYZ(24.6418, 27.1833, 18.7000)	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(24.6418, 27.1833,
18.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	92906E
RGB	146, 144, 110
RGB Percent	57%, 56%, 43%
CMY	0.4274, 0.4353, 0.5686
CMYK	0.00, 0.01, 0.25, 0.43
HSL	57°, 14%, 50%
HSV	57°, 25%, 57%
XYZ	24.6418, 27.1833, 18.7000
YIQ	140.7220, 12.1060, -10.1500

Conversions

Conversions Part 2

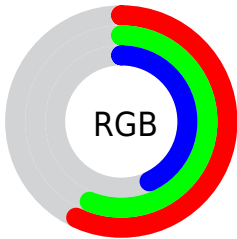
Format	Color
R_{YB}	112, 146, 110
Decimal	9605230
CIE Lab	59.14, -5.07, 18.39
CIE LCh	59, 19.074, 105.424
Yxy	27.1833, 0.3494, 0.3854
Android (android.graphics.Color)	4287795310 (0xFF92906E)
YUV	140.7220, -15.1459, 4.6288
Hunter-Lab	52.1376, -6.8763, 15.2310

Details

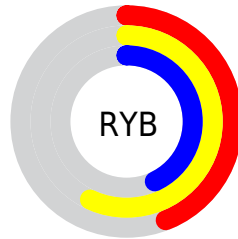
The XYZ color **24.6418, 27.1833, 18.7000** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.4128, 16.9783, 29.5536**, and the grayscale version is **25.2632, 26.5789, 28.9444**.

A 20% lighter version of the original color is **50.5351, 55.2762, 42.1883**, and **9.5915, 10.7861, 6.1338** is the 20% darker color. If you saturate the color by 10%, you get **23.7896, 26.6478, 14.8121**, and if you desaturate by 10%, it is **25.6273, 27.7754, 23.2793**.

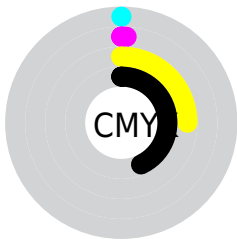
Distribution



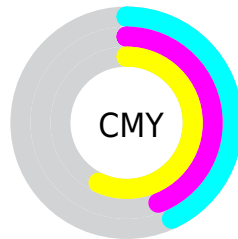
- Red (57%)
- Green (56%)
- Blue (43%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (25%)
- Black (43%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6418, 27.1833, 18.7000 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 24.6418, 27.1833, 18.7000 by changing the saturation by 10% instead.

■ 24.6418, 27.1833,
18.7000

■ 24.6418, 27.1833,
18.7000

268.4300,
288.5435, 257.1548

■ 15.9377, 17.7109,
11.2791

■ 50.5226, 55.1779,
42.0565

■ 9.5706, 10.7427,
6.1384

■ 68.4300, 74.4689,
58.8291

■ 5.1753, 5.8941,
2.8592

■ 90.1359, 97.8015,
79.5561

■ 2.3863, 2.7808,
1.0232

■ 116.0056,
125.5602, 104.6560

■ 0.8383, 1.0184,
0.0000

146.4046,
158.1294, 134.5472

■ 0.0000, 0.0000,
0.0000

181.6980,

195.8934, 169.6484

222.2514,
239.2366, 210.3781

■ 24.6418, 27.1833,
18.7000

■ 24.6418, 27.1833,
18.7000

■ 23.7896, 26.6478,
14.8121

■ 25.6273, 27.7754,
23.2793

■ 23.0622, 26.1627,
11.5800

■ 26.7500, 28.4228,
28.5796

■ 22.4533, 25.7264,
8.9677

■ 28.0161, 29.1290,
34.6311

■ 21.9553, 25.3359,
6.9351

■ 29.4310, 29.8962,
41.4616

■ 21.5596, 24.9877,
5.4372

■ 30.9997, 30.7262,
49.0975

■ 21.2565, 24.6779,
4.4225

■ 32.7269, 31.6212,
57.5640

■ 21.0336, 24.4016,
3.8254

■ 34.6173, 32.5828,
66.8853

■ 20.9287, 24.2602,
3.5796

■ 36.6752, 33.6128,
77.0845

■ 38.9049, 34.7130,
88.1838

Harmonies

Analogous

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



27.0027, 27.1833, 18.6631



24.6418, 27.1833, 18.7000



22.7199, 27.1833, 21.3383

Triad

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



24.6418, 27.1833, 18.7000



22.7638, 27.1833, 39.9207



30.5112, 27.1833, 33.0113

Complementary

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



24.6418, 27.1833, 18.7000



17.4128, 16.9783, 29.5536

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.



29.2267, 27.1833, 39.7538



24.6418, 27.1833, 18.7000



24.7051, 27.1833, 44.1383

Square

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



24.6418, 27.1833, 18.7000



21.6818, 27.1833, 33.2128



27.0701, 27.1833, 44.0730



30.4916, 27.1833, 26.2555

Rectangle

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



24.6418, 27.1833, 18.7000



21.9041, 27.1833, 24.4872



27.0701, 27.1833, 44.0730



30.2143, 27.1833, 35.3746

Sweetspot

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



24.6425, 27.1845, 18.7006



46.6744, 49.8475, 47.9723



20.3772, 18.4420, 17.9323



10.3609, 11.0763, 10.5663



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.



24.6425, 27.1845, 18.7006



42.5494, 47.3818, 28.7651



22.3610, 26.4613, 18.6812



6.2382, 6.6901, 6.2030



18.4227, 21.3598, 3.1519



0.2322, 0.2750, 0.0408

Inverse Universe

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



17.4128, 16.9783, 29.5536



27.3786, 25.9660, 51.5425



19.3099, 17.6328, 29.5800



5.5238, 5.6815, 7.2752



4.6486, 1.9921, 24.0705



0.0620, 0.0346, 0.2963

Previews

White Background



This preview shows how the XYZ color 24.6418, 27.1833, 18.7000 looks on a white background.

Color Contrast Check

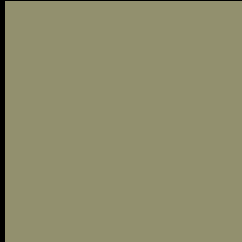
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6418, 27.1833, 18.7000 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

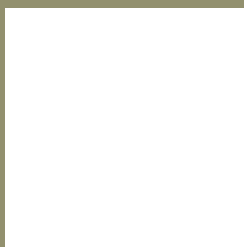
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6418, 27.1833, 18.7000

Background



This preview shows how black text looks on a background with the XYZ color 24.6418, 27.1833, 18.7000.



This preview shows how white text looks on a background with the XYZ color 24.6418, 27.1833,

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

24.6418, 27.1833, 18.7000

Protanopia

25.3822, 27.1255, 18.3660

Deuteranopia

27.5962, 27.1682, 19.1187



Tritanopia

27.5001, 27.2466, 32.6639

Trichromacy



Original Color

24.6418, 27.1833, 18.7000

Protanomaly

25.1605, 27.2331, 18.3984

Deuteranomaly

26.5454, 27.2748, 18.9044

Tritanomaly

26.2925, 27.1886, 26.7838

Monochromacy



Original Color

24.6418, 27.1833, 18.7000

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.0300, 26.7973, 24.9723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6418, 27.1833, 18.7000 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(146, 144, 110)` looks like.

```
.text, #text, p{  
    color:rgb(146, 144, 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(146, 144, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 144, 110) }
```

Border

The CSS property to change the border of an element to XYZ 24.6418, 27.1833, 18.7000 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(146, 144, 110) }
```


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

```
.border{ border-color:rgb(146, 144, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 144, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 144, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 144, 110);  
box-shadow:4px 4px 4px 4px rgb(146, 144,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6418, 27.1833, 18.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 144, 110) }
```

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

```
.background{ background-color: rgb(146,  
144, 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](#).

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