

Converting Colors

XYZ(24.6019, 26.5325, 17.3024)

Have a look what the booklet for
XYZ(24.6019, 26.5325, 17.3024)
contains.

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Color

**XYZ(24.6524, 26.5537,
17.1907)**

Conversions

Conversions Part 1

Format	Color
Hex	968D69
RGB	150, 141, 105
RGB Percent	59%, 55%, 41%
CMY	0.4118, 0.4470, 0.5882
CMYK	0.00, 0.06, 0.30, 0.41
HSL	48°, 18%, 50%
HSV	48°, 30%, 59%
XYZ	24.6524, 26.5537, 17.1907
YIQ	139.5870, 16.9200, -9.2880

Conversions

Conversions Part 2

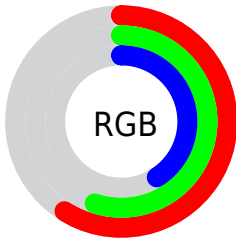
Format	Color
R_{YB}	116, 150, 105
Decimal	9866601
CIE Lab	58.56, -2.51, 20.45
CIE LCh	59, 20.607, 96.988
Yxy	26.5537, 0.3604, 0.3882
Android (android.graphics.Color)	4288056681 (0xFF968D69)
YUV	139.5870, -17.0514, 9.1322
Hunter-Lab	51.5303, -4.7825, 16.2918

Details

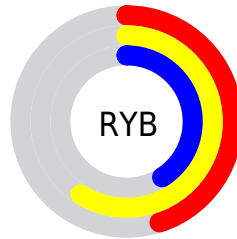
The XYZ color **24.6524, 26.5537, 17.1907** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.3480, 17.2396, 31.2676**, and the grayscale version is **24.8270, 26.1200, 28.4447**.

A 20% lighter version of the original color is **50.6927, 54.4096, 39.2828**, and **9.5166, 10.3742, 5.3717** is the 20% darker color. If you saturate the color by 10%, you get **23.5125, 25.4006, 13.3368**, and if you desaturate by 10%, it is **25.9417, 27.7875, 21.7660**.

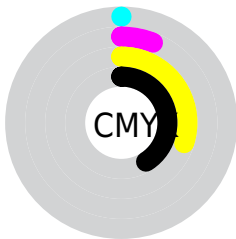
Distribution



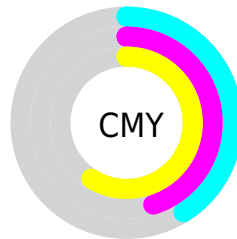
- Red (59%)
- Green (55%)
- Blue (41%)



- Red (45%)
- Yellow (59%)
- Blue (41%)



- Cyan (0%)
- Magenta (6%)
- Yellow (30%)
- Black (41%)



- Cyan (41%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6524, 26.5537, 17.1907 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 24.6524, 26.5537, 17.1907 by changing the saturation by 10% instead.

■ 24.6524, 26.5537,
17.1907

■ 24.6524, 26.5537,
17.1907

268.4821,
285.4897, 248.3500

■ 15.9456, 17.2383,
10.2072

■ 50.5397, 54.1669,
39.4485

■ 9.5763, 10.4046,
5.4291

■ 68.4510, 73.2334,
55.5598

■ 5.1790, 5.6680,
2.4381

■ 90.1611, 96.3192,
75.5508

■ 2.3885, 2.6443,
0.8071

■ 116.0354,
123.8086, 99.8401

■ 0.8394, 0.9490,
0.0000

146.4393,
156.0859, 128.8461

■ 0.0000, 0.0000,
0.0000

181.7382,

193.5356, 162.9874

222.2973,
236.5420, 202.6825

■ 24.6524, 26.5537,
17.1907

■ 24.6524, 26.5537,
17.1907

■ 23.5125, 25.4006,
13.3368

■ 25.9417, 27.7875,
21.7660

■ 22.5126, 24.3217,
10.1649

■ 27.3850, 29.1014,
27.0960

■ 21.6456, 23.3147,
7.6345

■ 28.9894, 30.4990,
33.2139

■ 20.9027, 22.3762,
5.7001

■ 30.7606, 31.9831,
40.1502

■ 20.2741, 21.5018,
4.3101

■ 32.7044, 33.5559,
47.9342

■ 19.7482, 20.6870,
3.4041

■ 34.8260, 35.2197,
56.5934

■ 19.2956, 19.9197,
2.8279

■ 37.1306, 36.9767,
66.1542

■ 19.2955, 19.9196,
2.8279

■ 39.6229, 38.8291,
76.6419

■ 42.3078, 40.7787,
88.0808

Harmonies

Analogous

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



27.1844, 26.5537, 17.9098



24.6524, 26.5537, 17.1907



22.4287, 26.5537, 19.1675

Triad

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



24.6524, 26.5537, 17.1907



21.5557, 26.5537, 38.1110



29.9762, 26.5537, 34.6958

Complementary

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



24.6524, 26.5537, 17.1907



17.3480, 17.2396, 31.2676

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.



28.2737, 26.5537, 41.5017



24.6524, 26.5537, 17.1907



23.3877, 26.5537, 43.6918

Square

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



24.6524, 26.5537, 17.1907



20.7197, 26.5537, 30.6374



25.8338, 26.5537, 45.0262



30.3707, 26.5537, 27.2535

Rectangle

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



24.6524, 26.5537, 17.1907



21.3822, 26.5537, 21.9794



25.8338, 26.5537, 45.0262



29.5326, 26.5537, 37.1687

Sweetspot

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



24.6531, 26.5549, 17.1913



48.5501, 51.5542, 48.6524



20.6668, 17.8025, 18.2669



10.6800, 11.3545, 10.4838



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.



24.6531, 26.5549, 17.1913



42.1282, 45.4814, 25.6378



23.6912, 28.1091, 17.5419



6.1680, 6.5497, 6.1796



16.0259, 16.5662, 2.3529



0.2163, 0.2430, 0.0355

Inverse Universe

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



17.3480, 17.2396, 31.2676



27.1177, 26.3450, 54.5771



18.0962, 16.1922, 31.0260



5.5878, 5.8097, 7.2966



4.9700, 2.6347, 24.1776



0.0780, 0.0666, 0.3017

Previews

White Background



This preview shows how the XYZ color 24.6524, 26.5537, 17.1907 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 24.6524, 26.5537, 17.1907 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 24.6524, 26.5537, 17.1907

Background



This preview shows how black text looks on a background with the XYZ color 24.6524, 26.5537, 17.1907.



This preview shows how white text looks on a background with the XYZ color 24.6524, 26.5537,

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

24.6524, 26.5537, 17.1907

Protanopia

24.8372, 26.6490, 17.1993

Deuteranopia

26.9914, 26.4755, 17.3234



Tritanopia

27.5100, 26.6522, 30.8886

Trichromacy



Original Color

24.6524, 26.5537, 17.1907

Protanomaly

24.8372, 26.6490, 17.1993

Deuteranomaly

26.0444, 26.4055, 17.3598

Tritanomaly

26.3221, 26.5880, 25.2174

Monochromacy



Original Color

24.6524, 26.5537, 17.1907

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.7104, 26.2178, 23.8368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6524, 26.5537, 17.1907 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(150, 141, 105)` looks like.

```
.text, #text, p{  
    color:rgb(150, 141, 105)  
}
```

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(150, 141, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 141, 105) }
```

Border

The CSS property to change the border of an element to XYZ 24.6524, 26.5537, 17.1907 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(150, 141, 105) }
```


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

```
.border{ border-color:rgb(150, 141, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 141, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 141, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 141, 105);  
box-shadow:4px 4px 4px 4px rgb(150, 141,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6524, 26.5537, 17.1907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 141, 105) }
```

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

```
.background{ background-color: rgb(150,  
141, 105) }
```

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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