

Converting Colors

XYZ(24.7654, 26.6180, 21.8063)

Have a look what the booklet for
XYZ(24.7654, 26.6180, 21.8063)
contains.

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Color

**XYZ(24.6531, 26.4500,
21.8952)**

Conversions

Conversions Part 1

Format	Color
Hex	918D79
RGB	145, 141, 121
RGB Percent	57%, 55%, 47%
CMY	0.4314, 0.4470, 0.5255
CMYK	0.00, 0.03, 0.17, 0.43
HSL	50°, 10%, 52%
HSV	50°, 17%, 57%
XYZ	24.6531, 26.4500, 21.8952
YIQ	139.9160, 8.8040, -5.3720

Conversions

Conversions Part 2

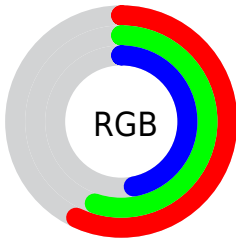
Format	Color
RYB	126, 145, 121
Decimal	9538937
CIELab	58.46, -2.09, 11.21
CIELCh	58, 11.402, 100.538
Yxy	26.4500, 0.3377, 0.3623
Android (android.graphics.Color)	4287729017 (0xFF918D79)
YUV	139.9160, -9.3256, 4.4587
Hunter-Lab	51.4296, -4.4366, 10.7591

Details

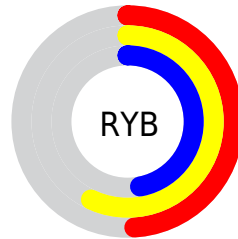
The XYZ color **24.6531, 26.4500, 21.8952** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.3295, 20.7760, 29.7268**, and the grayscale version is **24.9279, 26.2261, 28.5602**.

A 20% lighter version of the original color is **50.6111, 54.1895, 47.3273**, and **9.5269, 10.3297, 7.6226** is the 20% darker color. If you saturate the color by 10%, you get **23.4780, 25.4174, 17.4414**, and if you desaturate by 10%, it is **25.9710, 27.5540, 27.0568**.

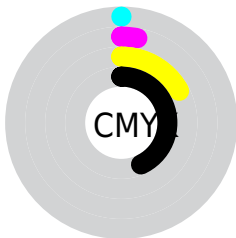
Distribution



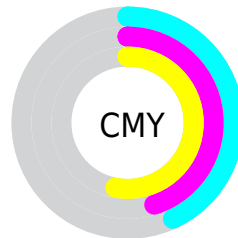
- Red (57%)
- Green (55%)
- Blue (47%)



- Red (49%)
- Yellow (57%)
- Blue (47%)



- Cyan (0%)
- Magenta (3%)
- Yellow (17%)
- Black (43%)



- Cyan (43%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6531, 26.4500, 21.8952 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 24.6531, 26.4500, 21.8952 by changing the saturation by 10% instead.

■ 24.6531, 26.4500,
21.8952

■ 24.6531, 26.4500,
21.8952

268.4855,
284.9842, 274.9341

■ 15.9461, 17.1606,
13.5823

■ 50.5408, 54.0000,
47.4727

■ 9.5767, 10.3491,
7.6953

■ 68.4523, 73.0294,
65.5744

■ 5.1793, 5.6310,
3.8157

■ 90.1627, 96.0743,
87.7761

■ 2.3887, 2.6220,
1.5248

116.0374,
123.5190, 114.4964

■ 0.8395, 0.9378,
0.2363

146.4416,
155.7479, 146.1538

■ 0.0000, 0.0000,
0.0000

181.7408,

193.1455, 183.1669

222.3004,
236.0961, 225.9541

■ 24.6531, 26.4500,
21.8952

■ 24.6531, 26.4500,
21.8952

■ 23.4780, 25.4174,
17.4414

■ 25.9710, 27.5540,
27.0568

■ 22.4377, 24.4501,
13.6622

■ 27.4354, 28.7281,
32.9538

■ 21.5264, 23.5467,
10.5247

■ 29.0521, 29.9758,
39.6145

■ 20.7371, 22.7043,
7.9922

■ 30.8262, 31.2991,
47.0652

■ 20.0622, 21.9197,
6.0244

■ 32.7625, 32.7000,
55.3308

■ 19.4929, 21.1895,
4.5761

■ 34.8657, 34.1804,
64.4353

■ 19.0194, 20.5094,
3.5951

■ 37.1400, 35.7421,
74.4015

■ 18.6257, 19.8732,
2.9978

■ 39.5897, 37.3870,
85.2517

■ 18.4968, 19.6593,
2.8197

■ 42.2190, 39.1167,
97.0069

Harmonies

Analogous

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



26.0432, 26.4500, 22.1536



24.6531, 26.4500, 21.8952



23.4384, 26.4500, 23.3528

Triad

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



24.6531, 26.4500, 21.8952



23.1582, 26.4500, 34.0802



27.7517, 26.4500, 31.4326

Complementary

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



24.6531, 26.4500, 21.8952



20.3295, 20.7760, 29.7268

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.



26.9219, 26.4500, 35.0335



24.6531, 26.4500, 21.8952



24.2578, 26.4500, 36.6572

Square

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



24.6531, 26.4500, 21.8952



22.5968, 26.4500, 30.2258



25.6331, 26.4500, 37.0213



27.8671, 26.4500, 27.4189

Rectangle

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



24.6531, 26.4500, 21.8952



22.8785, 26.4500, 25.1879



25.6331, 26.4500, 37.0213



27.5456, 26.4500, 32.7409

Sweetspot

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



24.6538, 26.4512, 21.8958



46.8731, 49.6413, 49.8997



22.2164, 21.1755, 22.3188



10.3924, 11.0147, 10.9612



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.



24.6538, 26.4512, 21.8958



43.3078, 46.6399, 35.9810



23.8933, 26.9498, 22.0321



5.7642, 6.1347, 5.7697



15.8814, 16.8945, 2.4239



0.1650, 0.1878, 0.0276

Inverse Universe

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



20.3295, 20.7760, 29.7268



34.0062, 34.4333, 52.8275



21.0018, 20.3866, 29.6162



5.1977, 5.3912, 6.7954



4.6804, 2.3468, 23.1834



0.0557, 0.0444, 0.2253

Previews

White Background



This preview shows how the XYZ color 24.6531, 26.4500, 21.8952 looks on a white background.

Color Contrast Check

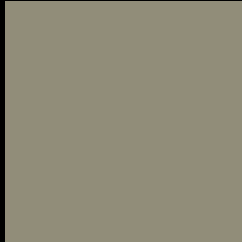
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6531, 26.4500, 21.8952 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

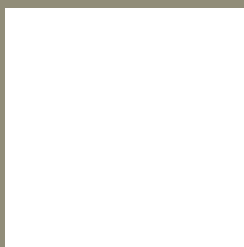
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6531, 26.4500, 21.8952

Background



This preview shows how black text looks on a background with the XYZ color 24.6531, 26.4500, 21.8952.



This preview shows how white text looks on a background with the XYZ color 24.6531, 26.4500,

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

24.6531, 26.4500, 21.8952

Protanopia

25.0420, 26.4325, 21.8713

Deuteranopia

26.8748, 26.3102, 22.0743



Tritanopia

26.6854, 26.4190, 31.7099

Trichromacy



Original Color

24.6531, 26.4500, 21.8952

Protanomaly

24.8619, 26.3397, 21.8629

Deuteranomaly

25.9761, 26.2650, 22.1129

Tritanomaly

25.8887, 26.3078, 27.7582

Monochromacy



Original Color

24.6531, 26.4500, 21.8952

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.7671, 26.2004, 25.9421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6531, 26.4500, 21.8952 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, 141, 121)` looks like.

```
.text, #text, p{  
    color:rgb(145, 141, 121)  
}
```

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, 141, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 141, 121) }
```

Border

The CSS property to change the border of an element to XYZ 24.6531, 26.4500, 21.8952 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, 141, 121) }
```


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

```
.border{ border-color:rgb(145, 141, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 141, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 141, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 141, 121);  
box-shadow:4px 4px 4px 4px rgb(145, 141,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6531, 26.4500, 21.8952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 141, 121) }
```

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

```
.background{ background-color: rgb(145,  
141, 121) }
```

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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