

Converting Colors

XYZ(24.9958, 29.0135, 17.9184)

Have a look what the booklet for
XYZ(24.9958, 29.0135, 17.9184)
contains.

XYZ(24.9958, 29.0135, 17.9184)	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(24.9958, 29.0135,
17.9184)**

Conversions

Conversions Part 1

Format	Color
Hex	8F976A
RGB	143, 151, 106
RGB Percent	56%, 59%, 42%
CMY	0.4392, 0.4078, 0.5843
CMYK	0.05, 0.00, 0.30, 0.41
HSL	71°, 18%, 50%
HSV	71°, 30%, 59%
XYZ	24.9958, 29.0135, 17.9184
YIQ	143.4780, 9.6770, -15.6910

Conversions

Conversions Part 2

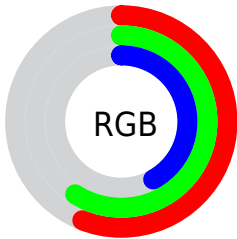
Format	Color
RYB	106, 151, 114
Decimal	9410410
CIELab	60.79, -10.67, 22.80
CIElCh	61, 25.174, 115.066
Yxy	29.0135, 0.3475, 0.4034
Android (android.graphics.Color)	4287600490 (0xFF8F976A)
YUV	143.4780, -18.4767, -0.4192
Hunter-Lab	53.8642, -11.4290, 17.9816

Details

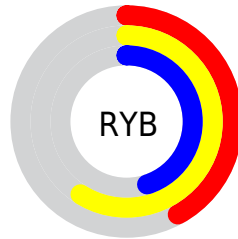
The XYZ color **24.9958, 29.0135, 17.9184** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.6806, 16.1206, 31.4596**, and the grayscale version is **26.3692, 27.7425, 30.2116**.

A 20% lighter version of the original color is **51.0288, 58.0016, 40.8537**, and **9.7345, 11.6951, 5.7473** is the 20% darker color. If you saturate the color by 10%, you get **23.8196, 28.4909, 14.1190**, and if you desaturate by 10%, it is **26.3230, 29.5997, 22.4479**.

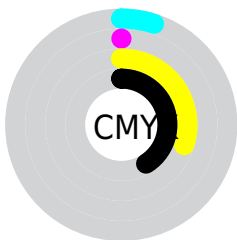
Distribution



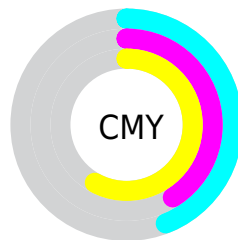
- Red (56%)
- Green (59%)
- Blue (42%)



- Red (42%)
- Yellow (59%)
- Blue (45%)



- Cyan (5%)
- Magenta (0%)
- Yellow (30%)
- Black (41%)



- Cyan (44%)
- Magenta (41%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9958, 29.0135, 17.9184 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 24.9958, 29.0135, 17.9184 by changing the saturation by 10% instead.

■ 24.9958, 29.0135,
17.9184

■ 24.9958, 29.0135,
17.9184

270.1650,
297.2787, 252.6314

■ 16.2026, 19.0910,
10.7226

■ 51.0934, 58.0985,
40.7103

■ 9.7594, 11.7361,
5.7688

■ 69.1285, 78.0299,
57.1434

■ 5.3008, 6.5642,
2.6385

■ 90.9749, 102.0663,
77.4928

■ 2.4614, 3.1911,
0.9122

■ 116.9981,
130.5923, 102.1769

■ 0.8758, 1.2323,
0.0000

147.5633,
163.9921, 131.6142

■ 0.0000, 0.0878,
0.0000

183.0360,

■ 0.0000, 0.0000,

202.6501, 166.2234

0.0000

223.7815,
246.9509, 206.4229

■ 24.9958, 29.0135,
17.9184

■ 24.9958, 29.0135,
17.9184

■ 23.8196, 28.4909,
14.1190

■ 26.3230, 29.5997,
22.4479

■ 22.7847, 28.0252,
11.0097

■ 27.8056, 30.2484,
27.7410

■ 21.8840, 27.6144,
8.5494

■ 29.4509, 30.9635,
33.8315

■ 21.1085, 27.2549,
6.6918

■ 31.2648, 31.7473,
40.7506

■ 20.4483, 26.9428,
5.3847

■ 33.2529, 32.6022,
48.5276

■ 19.8917, 26.6734,
4.5671

■ 35.4207, 33.5302,
57.1908

■ 19.4100, 26.4352,
4.0881

■ 37.7733, 34.5335,
66.7667

■ 19.4007, 26.4305,
4.0791

■ 40.3157, 35.6141,
77.2811

■ 43.0526, 36.7738,
88.7586

Harmonies

Analogous

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



28.1211, 29.0135, 16.8243



24.9958, 29.0135, 17.9184



22.7333, 29.0135, 22.3552

Triad

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



24.9958, 29.0135, 17.9184



24.1283, 29.0135, 48.7854



34.3319, 29.0135, 33.1659

Complementary

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



24.9958, 29.0135, 17.9184



17.6806, 16.1206, 31.4596

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.



33.0628, 29.0135, 43.0731



24.9958, 29.0135, 17.9184



27.0389, 29.0135, 53.1585

Square

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



24.9958, 29.0135, 17.9184



22.2609, 29.0135, 39.8564



30.3289, 29.0135, 50.8852



33.6773, 29.0135, 24.5550

Rectangle

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



24.9958, 29.0135, 17.9184



21.9330, 29.0135, 27.1711



30.3289, 29.0135, 50.8852



34.1134, 29.0135, 36.4655

Sweetspot

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



24.9965, 29.0148, 17.9190



49.9683, 54.2443, 50.3141



21.3261, 19.5429, 16.2842



11.2710, 12.2914, 11.1222



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.9965, 29.0148, 17.9190



43.2772, 51.2986, 27.2458



21.5543, 27.2403, 17.7579



6.6011, 7.1673, 6.6414



16.5251, 22.4949, 3.4710



0.2720, 0.3492, 0.0531

Inverse Universe

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



17.6806, 16.1206, 31.4596



27.9420, 24.2608, 55.6438



20.8943, 17.7774, 31.6100



5.9819, 6.0765, 7.7866



5.1516, 2.1068, 25.0428



0.0994, 0.0431, 0.3754

Previews

White Background



This preview shows how the XYZ color 24.9958, 29.0135, 17.9184 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 24.9958, 29.0135, 17.9184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

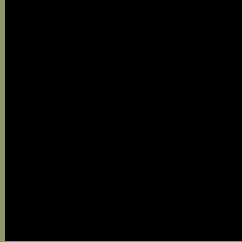
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

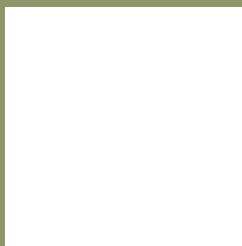
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9958, 29.0135, 17.9184

Background



This preview shows how black text looks on a background with the XYZ color 24.9958, 29.0135, 17.9184.



This preview shows how white text looks on a background with the XYZ color 24.9958, 29.0135,

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

24.9958, 29.0135, 17.9184

Protanopia

26.8781, 28.8263, 17.2441

Deuteranopia

29.3184, 28.7231, 18.1862



Tritanopia

28.7038, 29.1351, 35.5633

Trichromacy



Original Color

24.9958, 29.0135, 17.9184

Protanomaly

26.2766, 28.9720, 17.5718

Deuteranomaly

27.5274, 28.6894, 17.9967

Tritanomaly

27.0538, 28.9055, 28.1982

Monochromacy



Original Color

24.9958, 29.0135, 17.9184

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.6358, 28.0091, 25.1742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9958, 29.0135, 17.9184 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(143, 151, 106)` looks like.

```
.text, #text, p{  
    color:rgb(143, 151, 106)  
}
```

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(143, 151, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 151, 106) }
```

Border

The CSS property to change the border of an element to XYZ 24.9958, 29.0135, 17.9184 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(143, 151, 106) }
```


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

```
.border{ border-color:rgb(143, 151, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 151, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 151, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 151, 106);  
box-shadow:4px 4px 4px 4px rgb(143, 151,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9958, 29.0135, 17.9184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 151, 106) }
```

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

```
.background{ background-color: rgb(143,  
151, 106) }
```

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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