

Converting Colors

XYZ(24.9640, 29.9845, 17.8526)

Have a look what the booklet for
XYZ(24.9640, 29.9845, 17.8526)
contains.

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Color

**XYZ(24.9186, 29.9516,
17.8325)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9B69
RGB	139, 155, 105
RGB Percent	55%, 61%, 41%
CMY	0.4549, 0.3921, 0.5882
CMYK	0.10, 0.00, 0.32, 0.39
HSL	79°, 20%, 51%
HSV	79°, 32%, 61%
XYZ	24.9186, 29.9516, 17.8325
YIQ	144.5160, 6.5140, -18.9420

Conversions

Conversions Part 2

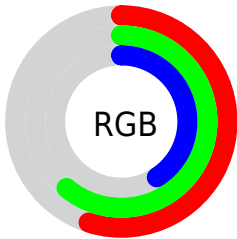
Format	Color
RYB	105, 155, 121
Decimal	9149289
CIELab	61.61, -14.53, 24.39
CIELCh	62, 28.388, 120.775
Yxy	29.9516, 0.3427, 0.4120
Android (android.graphics.Color)	4287339369 (0xFF8B9B69)
YUV	144.5160, -19.4814, -4.8375
Hunter-Lab	54.7281, -14.5001, 18.9907

Details

The XYZ color **24.9186, 29.9516, 17.8325** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.8544, 16.5355, 33.2100**, and the grayscale version is **26.7926, 28.1879, 30.6966**.

A 20% lighter version of the original color is **50.8786, 59.3727, 40.6768**, and **9.7133, 12.2707, 5.7274** is the 20% darker color. If you saturate the color by 10%, you get **23.3840, 29.2453, 13.9744**, and if you desaturate by 10%, it is **26.6375, 30.7381, 22.4586**.

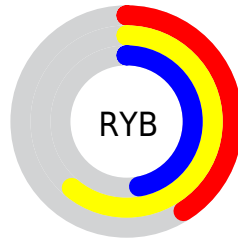
Distribution



Red (55%)

Green (61%)

Blue (41%)



Red (41%)

Yellow (61%)

Blue (47%)

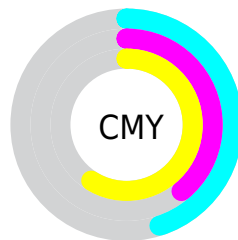


Cyan (10%)

Magenta (0%)

Yellow (32%)

Black (39%)



Cyan (45%)

Magenta (39%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9186, 29.9516, 17.8325 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 24.9186, 29.9516, 17.8325 by changing the saturation by 10% instead.

■ 24.9186, 29.9516,
17.8325

■ 24.9186, 29.9516,
17.8325

269.7874,
301.6788, 252.1296

■ 16.1448, 19.8019,
10.6616

■ 50.9690, 59.5856,
40.5618

■ 9.7182, 12.2511,
5.7285

■ 68.9763, 79.8387,
56.9572

■ 5.2733, 6.9149,
2.6146

■ 90.7922, 104.2283,
77.2646

■ 2.4449, 3.4089,
0.9000

■ 116.7820,
133.1389, 101.9025

■ 0.8676, 1.3488,
0.0000

147.3111,
166.9549, 131.2894

■ 0.0000, 0.1785,
0.0000

182.7447,

■ 0.0000, 0.0000,

206.0606, 165.8438

0.0000

223.4484,
250.8404, 205.9844

■ 24.9186, 29.9516,
17.8325

■ 24.9186, 29.9516,
17.8325

■ 23.3840, 29.2453,
13.9744

■ 26.6375, 30.7381,
22.4586

■ 22.0232, 28.6116,
10.8406

■ 28.5463, 31.6039,
27.8891

■ 20.8276, 28.0484,
8.3862


■ 30.6531, 32.5533,
34.1605


■ 19.7872, 27.5514,
6.5606


■ 32.9646, 33.5892,
41.3067


■ 18.8904, 27.1159,
5.3057


■ 35.4874, 34.7141,
49.3594


 18.1238, 26.7366,
4.5533

 38.2276, 35.9306,
58.3490

 17.5940, 26.4711,
4.1821

 41.1913, 37.2412,
68.3042

 44.3840, 38.6481,
79.2527

 47.8113, 40.1535,
91.2211

Harmonies

Analogous

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



28.3701, 29.9516, 15.9498



24.9186, 29.9516, 17.8325



22.6002, 29.9516, 23.4921

Triad

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



24.9186, 29.9516, 17.8325



25.0744, 29.9516, 54.2861



36.3468, 29.9516, 32.3321

Complementary

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



24.9186, 29.9516, 17.8325



18.8544, 16.5355, 33.2100

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.



35.2727, 29.9516, 43.8315



24.9186, 29.9516, 17.8325



28.5663, 29.9516, 58.0791

Square

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



24.9186, 29.9516, 17.8325



22.6844, 29.9516, 44.4266



32.3396, 29.9516, 53.8925



35.1597, 29.9516, 23.1033

Rectangle

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



24.9186, 29.9516, 17.8325



21.8971, 29.9516, 29.3969



32.3396, 29.9516, 53.8925



36.2374, 29.9516, 36.0538

Sweetspot

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



24.9194, 29.9529, 17.8331



51.8698, 56.9346, 52.1360



22.8856, 21.6237, 16.3326



11.6325, 12.8381, 11.4843



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.9194, 29.9529, 17.8331



42.5330, 52.6762, 26.6268



21.2333, 28.0527, 17.6606



6.5166, 7.1238, 6.6374



14.1716, 21.2816, 3.3608



0.2493, 0.3374, 0.0520

Inverse Universe

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



18.8544, 16.5355, 33.2100



29.8825, 24.6743, 58.7239



22.7935, 18.5662, 33.3944



6.0613, 6.1175, 7.7903



5.8294, 2.4562, 25.0746



0.1221, 0.0548, 0.3765

Previews

White Background



This preview shows how the XYZ color 24.9186, 29.9516, 17.8325 looks on a white background.

Color Contrast Check

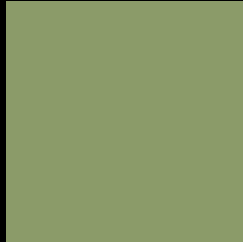
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9186, 29.9516, 17.8325 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 24.9186, 29.9516, 17.8325

Background



This preview shows how black text looks on a background with the XYZ color 24.9186, 29.9516, 17.8325.



This preview shows how white text looks on a background with the XYZ color 24.9186, 29.9516,

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

24.9186, 29.9516, 17.8325

Protanopia

27.6861, 29.7162, 16.8470

Deuteranopia

30.2843, 29.6588, 18.3159



Tritanopia

28.7891, 29.8289, 37.4979

Trichromacy



Original Color

24.9186, 29.9516, 17.8325

Protanomaly

26.6517, 29.8848, 17.1956

Deuteranomaly

28.1918, 29.7155, 18.1597

Tritanomaly

27.1279, 29.8663, 29.1459

Monochromacy



Original Color

24.9186, 29.9516, 17.8325

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.1044, 28.9462, 25.3304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9186, 29.9516, 17.8325 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(139, 155, 105)` looks like.

```
.text, #text, p{  
    color:rgb(139, 155, 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(139, 155, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 155, 105) }
```

Border

The CSS property to change the border of an element to XYZ 24.9186, 29.9516, 17.8325 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(139, 155, 105) }
```


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

```
.border{ border-color:rgb(139, 155, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 155, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 155, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 155, 105);  
box-shadow:4px 4px 4px 4px rgb(139, 155,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9186, 29.9516, 17.8325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 155, 105) }
```

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

```
.background{ background-color: rgb(139,  
155, 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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