

Converting Colors

XYZ(25.8526, 30.9818, 22.4891)

Have a look what the booklet for
XYZ(25.8526, 30.9818, 22.4891)
contains.

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Color

**XYZ(25.9336, 31.1282,
22.4108)**

Conversions

Conversions Part 1

Format	Color
Hex	899E78
RGB	137, 158, 120
RGB Percent	54%, 62%, 47%
CMY	0.4627, 0.3804, 0.5294
CMYK	0.13, 0.00, 0.24, 0.38
HSL	93°, 16%, 55%
HSV	93°, 24%, 62%
XYZ	25.9336, 31.1282, 22.4108
YIQ	147.3890, -0.3180, -16.2700

Conversions

Conversions Part 2

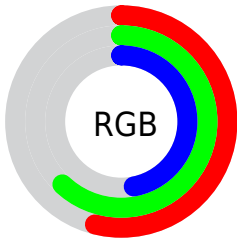
Format	Color
RYB	120, 158, 141
Decimal	9019000
CIELab	62.62, -14.56, 17.46
CIElCh	63, 22.735, 129.831
Yxy	31.1282, 0.3263, 0.3917
Android (android.graphics.Color)	4287209080 (0xFF899E78)
YUV	147.3890, -13.5028, -9.1112
Hunter-Lab	55.7927, -14.6666, 15.2392

Details

The XYZ color **25.9336, 31.1282, 22.4108** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.8738, 21.5652, 35.2537**, and the grayscale version is **27.9493, 29.4049, 32.0219**.

A 20% lighter version of the original color is **52.7265, 61.6434, 48.1491**, and **10.3255, 12.9966, 7.9256** is the 20% darker color. If you saturate the color by 10%, you get **23.6789, 30.0686, 17.7061**, and if you desaturate by 10%, it is **28.4641, 32.3135, 27.9557**.

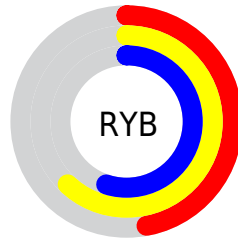
Distribution



Red (54%)

Green (62%)

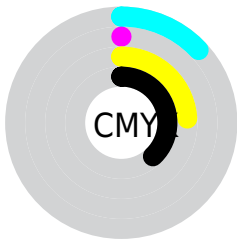
Blue (47%)



Red (47%)

Yellow (62%)

Blue (55%)

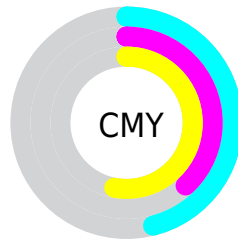


Cyan (13%)

Magenta (0%)

Yellow (24%)

Black (38%)



Cyan (46%)

Magenta (38%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9336, 31.1282, 22.4108 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 25.9336, 31.1282, 22.4108 by changing the saturation by 10% instead.

■ 25.9336, 31.1282,
22.4108

■ 25.9336, 31.1282,
22.4108

274.7187,
307.1285, 277.7073

■ 16.9064, 20.6965,
13.9579

■ 52.5999, 61.4419,
48.3349

■ 10.2627, 12.9023,
7.9529

■ 70.9696, 82.0926,
66.6431

■ 5.6371, 7.3613,
3.9775

■ 93.1843, 106.9184,
89.0736

■ 2.6642, 3.6891,
1.6130

119.6093,
136.3038, 116.0447

■ 0.9788, 1.5012,
0.3001

150.6098,
170.6331, 147.9751

■ 0.0000, 0.2896,
0.0000

186.5513,

■ 0.0000, 0.0000,

210.2907, 185.2833

0.0000

227.7991,
255.6611, 228.3879

■ 25.9336, 31.1282,
22.4108

■ 25.9336, 31.1282,
22.4108

■ 23.6789, 30.0686,
17.7061

■ 28.4641, 32.3135,
27.9557

■ 21.6871, 29.1262,
13.7987

■ 31.2777, 33.6248,
34.3770

■ 19.9477, 28.2975,
10.6447

■ 34.3847, 35.0674,
41.7111

■ 18.4486, 27.5773,
8.1954

■ 37.7940, 36.6452,
49.9919

■ 17.1763, 26.9600,
6.3963

■ 41.5139, 38.3618,
59.2514

■ 16.1157, 26.4390,
5.1848

■ 45.5526, 40.2207,
69.5203

■ 15.2494, 26.0069,
4.4860

■ 49.9180, 42.2254,
80.8278

■ 14.8025, 25.7825,
4.1963

■ 54.6175, 44.3791,
93.2020

■ 58.4764, 46.2121,
100.4455

Harmonies

Analogous

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



28.5812, 31.1282, 19.7131



25.9336, 31.1282, 22.4108



24.3412, 31.1282, 28.3465

Triad

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



25.9336, 31.1282, 22.4108



27.5803, 31.1282, 52.5553



35.8505, 31.1282, 31.0639

Complementary

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



25.9336, 31.1282, 22.4108



23.8738, 21.5652, 35.2537

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.



35.5358, 31.1282, 40.1203



25.9336, 31.1282, 22.4108



30.6149, 31.1282, 53.6280

Square

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



25.9336, 31.1282, 22.4108



25.2449, 31.1282, 46.0331



33.5671, 31.1282, 48.7498



34.3992, 31.1282, 24.1008

Rectangle

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



25.9336, 31.1282, 22.4108



24.0220, 31.1282, 33.8431



33.5671, 31.1282, 48.7498



35.9500, 31.1282, 33.9436

Sweetspot

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



25.9344, 31.1296, 22.4115



55.1649, 60.2996, 58.6538



27.0021, 27.6467, 21.6829



12.3733, 13.5649, 13.0774



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.9344, 31.1296, 22.4115



44.7752, 55.4386, 35.8010



23.4802, 29.8509, 22.9047



6.8183, 7.5390, 7.0815



11.8989, 20.6708, 3.3627



0.2608, 0.3943, 0.0624

Inverse Universe

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



23.8738, 21.5652, 35.2537



40.3525, 34.9159, 63.3561



26.8275, 23.1066, 34.5446



6.6176, 6.6068, 8.3331



8.1608, 3.6360, 26.1789



0.1942, 0.0899, 0.4703

Previews

White Background



This preview shows how the XYZ color 25.9336, 31.1282, 22.4108 looks on a white background.

Color Contrast Check

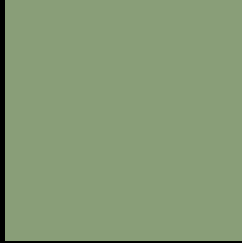
Large Text (above 18pt) WCAG AA × Fail

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 25.9336, 31.1282, 22.4108 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 ✓ Pass

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

XYZ 25.9336, 31.1282, 22.4108

Background



This preview shows how black text looks on a background with the XYZ color 25.9336, 31.1282, 22.4108.



This preview shows how white text looks on a background with the XYZ color 25.9336, 31.1282,

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

25.9336, 31.1282, 22.4108

Protanopia

28.9754, 30.9946, 21.2850

Deuteranopia

31.6050, 30.9110, 23.0395



Tritanopia

29.4307, 31.0661, 39.5672

Trichromacy



Original Color

25.9336, 31.1282, 22.4108

Protanomaly

27.7745, 31.0946, 21.6775

Deuteranomaly

29.3195, 30.8992, 22.8312

Tritanomaly

27.8854, 30.9120, 32.5139

Monochromacy



Original Color

25.9336, 31.1282, 22.4108

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.9097, 29.7790, 27.9965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9336, 31.1282, 22.4108 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(137, 158, 120)` looks like.

```
.text, #text, p{  
    color:rgb(137, 158, 120)  
}
```

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(137, 158, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 158, 120) }
```

Border

The CSS property to change the border of an element to XYZ 25.9336, 31.1282, 22.4108 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(137, 158, 120) }
```


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

```
.border{ border-color:rgb(137, 158, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 158, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 158, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 158, 120);  
box-shadow:4px 4px 4px 4px rgb(137, 158,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9336, 31.1282, 22.4108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 158, 120) }
```

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

```
.background{ background-color: rgb(137,  
158, 120) }
```

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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