

Converting Colors

XYZ(23.9900, 31.5137, 28.3746)

Have a look what the booklet for
XYZ(23.9900, 31.5137, 28.3746)
contains.

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Color

**XYZ(24.0975, 31.6083,
28.4978)**

Conversions

Conversions Part 1

Format	Color
Hex	6DA489
RGB	109, 164, 137
RGB Percent	43%, 64%, 54%
CMY	0.5725, 0.3568, 0.4627
CMYK	0.34, 0.00, 0.16, 0.36
HSL	151°, 23%, 54%
HSV	151°, 34%, 64%
XYZ	24.0975, 31.6083, 28.4978
YIQ	144.4770, -24.1130, -20.0570

Conversions

Conversions Part 2

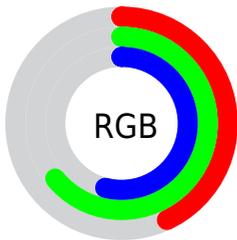
Format	Color
RYB	109, 145, 164
Decimal	7185545
CIELab	63.02, -24.14, 8.31
CIElCh	63, 25.526, 161.012
Yxy	31.6083, 0.2862, 0.3754
Android (android.graphics.Color)	4285375625 (0xFF6DA489)
YUV	144.4770, -3.6862, -31.1133
Hunter-Lab	56.2213, -21.8787, 9.3016

Details

The XYZ color **24.0975, 31.6083, 28.4978** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.2235, 20.6082, 25.9423**, and the grayscale version is **26.7238, 28.1155, 30.6178**.

A 20% lighter version of the original color is **49.5261, 62.0621, 58.0841**, and **9.2594, 13.1760, 11.0720** is the 20% darker color. If you saturate the color by 10%, you get **21.7091, 30.4422, 25.4831**, and if you desaturate by 10%, it is **26.9072, 32.9884, 31.7586**.

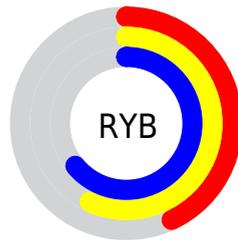
Distribution



Red (43%)

Green (64%)

Blue (54%)



Red (43%)

Yellow (57%)

Blue (64%)

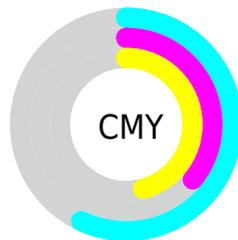


Cyan (34%)

Magenta (0%)

Yellow (16%)

Black (36%)



Cyan (57%)

Magenta (36%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0975, 31.6083, 28.4978 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 24.0975, 31.6083, 28.4978 by changing the saturation by 10% instead.

■ 24.0975, 31.6083,
28.4978

■ 24.0975, 31.6083,
28.4978

265.7444,
309.3310, 308.8244

■ 15.5311, 21.0625,
18.4589

■ 49.6428, 62.1965,
58.3109

■ 9.2817, 13.1697,
11.1071

■ 67.3524, 83.0077,
78.9221

■ 4.9840, 7.5455,
6.0239

■ 88.8404, 108.0095,
103.8947

■ 2.2725, 3.8055,
2.7906

■ 114.4722,
137.5863, 133.6469

■ 0.7805, 1.5654,
0.9887

144.6131,
172.1224, 168.5975

■ 0.0000, 0.3341,
0.0000

179.6286,

■ 0.0000, 0.0000,

212.0023, 209.1649

0.0000

219.8839,
257.6104, 255.7677

■ 24.0975, 31.6083,
28.4978

■ 24.0975, 31.6083,
28.4978

■ 21.7091, 30.4422,
25.4831

■ 26.9072, 32.9884,
31.7586

■ 19.7175, 29.4748,
22.7065

■ 30.1559, 34.5888,
35.2690

■ 18.0995, 28.6954,
20.1624

■ 33.8632, 36.4205,
39.0352

■ 16.8285, 28.0901,
17.8445

■ 38.0471, 38.4925,
43.0626

■ 15.8738, 27.6434,
15.7459

■ 42.7243, 40.8135,
47.3561

■ 15.1991, 27.3367,
13.8591

■ 47.9108, 43.3916,
51.9209

■ 14.8563, 27.1842,
12.7470

■ 53.6218, 46.2345,
56.7616

■ 59.8719, 49.3496,
61.8831

■ 66.0823, 52.4386,
67.2621

Harmonies

Analogous

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



25.8246, 31.6083, 21.7854



24.0975, 31.6083, 28.4978



23.8882, 31.6083, 38.2452

Triad

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



24.0975, 31.6083, 28.4978



31.3516, 31.6083, 57.1113



35.4333, 31.6083, 23.2183

Complementary

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



24.0975, 31.6083, 28.4978



25.2235, 20.6082, 25.9423

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.



37.1728, 31.6083, 30.8514



24.0975, 31.6083, 28.4978



34.6969, 31.6083, 51.1742

Square

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



24.0975, 31.6083, 28.4978



27.8982, 31.6083, 56.1408



36.8933, 31.6083, 41.1017



32.2945, 31.6083, 19.1731

Rectangle

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



24.0975, 31.6083, 28.4978



24.6175, 31.6083, 45.3762



36.8933, 31.6083, 41.1017



36.2117, 31.6083, 25.3803

Sweetspot

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



24.0984, 31.6096, 28.4985



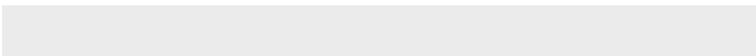
56.8947, 63.8475, 66.2535



26.2716, 32.9327, 19.4404



12.2484, 13.8646, 14.2887



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.0984, 31.6096, 28.4985



40.5373, 55.8079, 47.7342



26.2841, 32.4839, 40.0082



7.1290, 7.9524, 8.2909



11.4148, 20.8523, 9.9006



0.2637, 0.4477, 0.3335

Inverse Universe

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



25.2235, 20.6082, 25.9423



42.8881, 32.8250, 42.3954



23.5397, 19.9346, 17.0755



7.2119, 7.1412, 8.1023



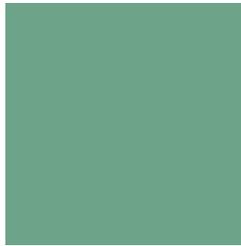
12.8877, 6.5111, 6.5990



0.2947, 0.1464, 0.2644

Previews

White Background



This preview shows how the XYZ color 24.0975, 31.6083, 28.4978 looks on a white background.

Color Contrast Check

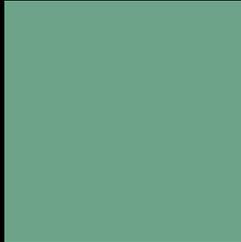
Large Text (above 18pt) WCAG AA × Fail

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 24.0975, 31.6083, 28.4978 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 24.0975, 31.6083, 28.4978

Background



This preview shows how black text looks on a background with the XYZ color 24.0975, 31.6083, 28.4978.



This preview shows how white text looks on a background with the XYZ color 24.0975, 31.6083,

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

24.0975, 31.6083, 28.4978

Protanopia

29.4614, 31.1428, 25.9311

Deuteranopia

32.0360, 31.4485, 29.5810



Tritanopia

27.1806, 31.5567, 43.6882

Trichromacy



Original Color

24.0975, 31.6083, 28.4978

Protanomaly

27.1066, 31.1331, 26.7709

Deuteranomaly

28.3376, 30.9718, 29.2955

Tritanomaly

25.9423, 31.5703, 37.5273

Monochromacy



Original Color

24.0975, 31.6083, 28.4978

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.2344, 28.8816, 29.4440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0975, 31.6083, 28.4978 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(109, 164, 137)` looks like.

```
.text, #text, p{  
    color:rgb(109, 164, 137)  
}
```

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(109, 164, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 164, 137) }
```

Border

The CSS property to change the border of an element to XYZ 24.0975, 31.6083, 28.4978 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(109, 164, 137) }
```

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

```
.border{ border-color:rgb(109, 164, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 164, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 164, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 164, 137);  
box-shadow:4px 4px 4px 4px rgb(109, 164,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0975, 31.6083, 28.4978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 164, 137) }
```

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

```
.background{ background-color: rgb(109,  
164, 137) }
```

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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