

Converting Colors

XYZ(26.5219, 32.3822, 31.4433)

Have a look what the booklet for
XYZ(26.5219, 32.3822, 31.4433)
contains.

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Color

**XYZ(26.4886, 32.2450,
31.6159)**

Conversions

Conversions Part 1

Format	Color
Hex	7DA291
RGB	125, 162, 145
RGB Percent	49%, 64%, 57%
CMY	0.5098, 0.3647, 0.4314
CMYK	0.23, 0.00, 0.10, 0.36
HSL	152°, 17%, 56%
HSV	152°, 23%, 64%
XYZ	26.4886, 32.2450, 31.6159
YIQ	148.9990, -16.5950, -13.1310

Conversions

Conversions Part 2

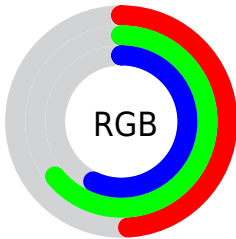
Format	Color
RYB	125, 149, 162
Decimal	8233617
CIELab	63.54, -16.27, 4.71
CIELCh	64, 16.938, 163.860
Yxy	32.2450, 0.2932, 0.3569
Android (android.graphics.Color)	4286423697 (0xFF7DA291)
YUV	148.9990, -1.9715, -21.0471
Hunter-Lab	56.7847, -16.1075, 6.7385

Details

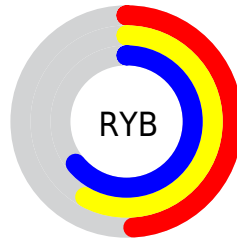
The XYZ color **26.4886, 32.2450, 31.6159** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.1175, 24.3024, 28.8541**, and the grayscale version is **28.5804, 30.0688, 32.7449**.

A 20% lighter version of the original color is **53.4818, 63.2142, 63.4156**, and **10.5431, 13.4739, 12.8715** is the 20% darker color. If you saturate the color by 10%, you get **23.7586, 30.9027, 28.5897**, and if you desaturate by 10%, it is **29.6438, 33.8039, 34.8597**.

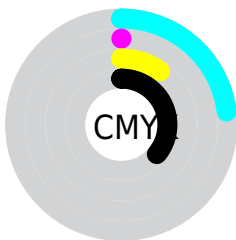
Distribution



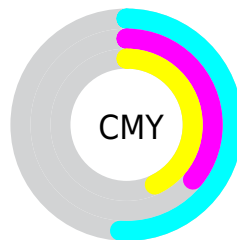
- Red (49%)
- Green (64%)
- Blue (57%)



- Red (49%)
- Yellow (58%)
- Blue (64%)



- Cyan (23%)
- Magenta (0%)
- Yellow (10%)
- Black (36%)



- Cyan (51%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4886, 32.2450, 31.6159 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 26.4886, 32.2450, 31.6159 by changing the saturation by 10% instead.

■ 26.4886, 32.2450,
31.6159

■ 26.4886, 32.2450,
31.6159

277.3853,
312.2338, 323.8045

■ 17.3241, 21.5487,
20.8059

■ 53.4878, 63.1950,
63.2993

■ 10.5626, 13.5257,
12.7923

■ 72.0533, 84.2174,
85.0099

■ 5.8386, 7.7915,
7.1567

■ 94.4831, 109.4508,
111.1910

■ 2.7869, 3.9618,
3.4803

121.1427,
139.2793, 142.2613

■ 1.0421, 1.6522,
1.3448

152.3973,
174.0875, 178.6392

■ 0.0000, 0.3924,
0.0981

188.6124,

■ 0.0000, 0.0000,

214.2597, 220.7434

0.0000

230.1533,
260.1803, 268.9923

■ 26.4886, 32.2450,
31.6159

■ 26.4886, 32.2450,
31.6159

■ 23.7586, 30.9027,
28.5897

■ 29.6438, 33.8039,
34.8597

■ 21.4317, 29.7630,
25.7744

■ 33.2396, 35.5847,
38.3235

■ 19.4878, 28.8166,
23.1657

■ 37.2939, 37.5973,
42.0122

■ 17.9040, 28.0518,
20.7588

■ 41.8228, 39.8500,
45.9302

■ 16.6548, 27.4554,
18.5482

■ 46.8417, 42.3507,
50.0813

■ 15.7110, 27.0126,
16.5285

■ 52.3651, 45.1067,
54.4697

■ 15.0381, 26.7057,
14.6935

■ 58.4070, 48.1252,
59.0992

■ 14.6644, 26.5393,
13.4880

■ 64.9809, 51.4131,
63.9736

■ 66.0441, 51.8552,
68.8130

Harmonies

Analogous

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



27.6072, 32.2450, 26.5403



26.4886, 32.2450, 31.6159



26.4462, 32.2450, 38.3185

Triad

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



26.4886, 32.2450, 31.6159



31.7489, 32.2450, 49.3137



34.0410, 32.2450, 26.8453

Complementary

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



26.4886, 32.2450, 31.6159



27.1175, 24.3024, 28.8541

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, 32.2450, 32.0845



26.4886, 32.2450, 31.6159



33.9041, 32.2450, 45.3488

Square

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



26.4886, 32.2450, 31.6159



29.4025, 32.2450, 49.1459



35.2213, 32.2450, 38.8510



31.9280, 32.2450, 24.0376

Rectangle

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



26.4886, 32.2450, 31.6159



27.0287, 32.2450, 42.8672



35.2213, 32.2450, 38.8510



34.5765, 32.2450, 28.3489

Sweetspot

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



26.4895, 32.2463, 31.6166



57.4392, 63.1603, 66.8217



27.8242, 33.0972, 24.3243



12.8191, 14.1452, 14.9296



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.



26.4895, 32.2463, 31.6166



45.6772, 57.3512, 54.7788



27.6842, 32.3783, 38.9746



7.1381, 7.9561, 8.3391



11.5744, 20.9161, 10.7412



0.2667, 0.4489, 0.3496

Inverse Universe

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



27.1175, 24.3024, 28.8541



47.0057, 40.5496, 48.9376



26.0936, 24.1442, 22.6874



7.2028, 7.1376, 8.0544



12.7456, 6.4543, 5.8507



0.2916, 0.1451, 0.2482

Previews

White Background



This preview shows how the XYZ color 26.4886, 32.2450, 31.6159 looks on a white background.

Color Contrast Check

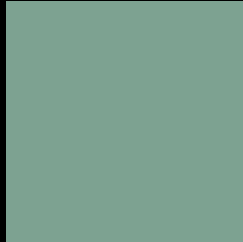
Large Text (above 18pt) WCAG AA × Fail

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 26.4886, 32.2450, 31.6159 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

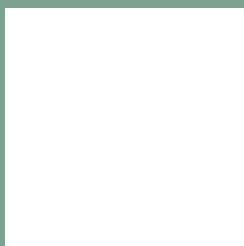
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4886, 32.2450, 31.6159

Background



This preview shows how black text looks on a background with the XYZ color 26.4886, 32.2450, 31.6159.

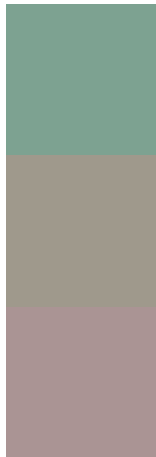


This preview shows how white text looks on a background with the XYZ color 26.4886, 32.2450,

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

26.4886, 32.2450, 31.6159

Protanopia

30.4229, 32.0468, 29.3931

Deuteranopia

32.5128, 31.8640, 32.4537



Tritanopia

28.7835, 32.1398, 43.2146

Trichromacy



Original Color

26.4886, 32.2450, 31.6159

Protanomaly

28.8036, 31.9330, 30.2368

Deuteranomaly

29.9841, 31.7591, 32.1535

Tritanomaly

27.8218, 31.9941, 38.8915

Monochromacy



Original Color

26.4886, 32.2450, 31.6159

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.7161, 30.8248, 32.5060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4886, 32.2450, 31.6159 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(125, 162, 145)` looks like.

```
.text, #text, p{  
    color:rgb(125, 162, 145)  
}
```

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(125, 162, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 162, 145) }
```

Border

The CSS property to change the border of an element to XYZ 26.4886, 32.2450, 31.6159 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(125, 162, 145) }
```


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

```
.border{ border-color:rgb(125, 162, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 162, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 162, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 162, 145);  
box-shadow:4px 4px 4px 4px rgb(125, 162,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4886, 32.2450, 31.6159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 162, 145) }
```

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

```
.background{ background-color: rgb(125,  
162, 145) }
```

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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