

Converting Colors

XYZ(24.3095, 32.7866, 27.9994)

Have a look what the booklet for
XYZ(24.3095, 32.7866, 27.9994)
contains.

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Color

**XYZ(24.3197, 32.8187,
27.9745)**

Conversions

Conversions Part 1

Format	Color
Hex	6AA887
RGB	106, 168, 135
RGB Percent	42%, 66%, 53%
CMY	0.5843, 0.3412, 0.4706
CMYK	0.37, 0.00, 0.20, 0.34
HSL	148°, 26%, 54%
HSV	148°, 37%, 66%
XYZ	24.3197, 32.8187, 27.9745
YIQ	145.7000, -26.3590, -23.4070

Conversions

Conversions Part 2

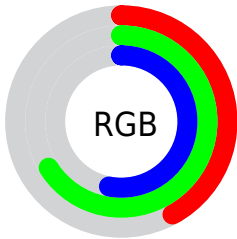
Format	Color
RYB	106, 148, 168
Decimal	6989959
CIELab	64.01, -27.46, 10.81
CIElCh	64, 29.512, 158.512
Yxy	32.8187, 0.2857, 0.3856
Android (android.graphics.Color)	4285180039 (0xFF6AA887)
YUV	145.7000, -5.2751, -34.8169
Hunter-Lab	57.2876, -24.4766, 11.1490

Details

The XYZ color **24.3197, 32.8187, 27.9745** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.9639, 20.4979, 27.0156**, and the grayscale version is **27.2282, 28.6462, 31.1957**.

A 20% lighter version of the original color is **49.7629, 63.7771, 57.2644**, and **9.4606, 13.9589, 10.7900** is the 20% darker color. If you saturate the color by 10%, you get **21.9121, 31.6482, 24.7124**, and if you desaturate by 10%, it is **27.1731, 34.2147, 31.5350**.

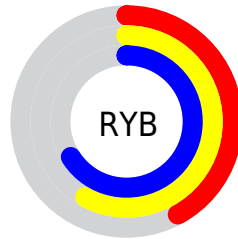
Distribution



Red (42%)

Green (66%)

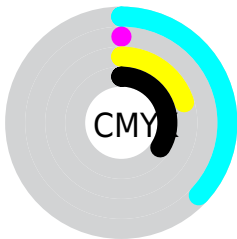
Blue (53%)



Red (42%)

Yellow (58%)

Blue (66%)

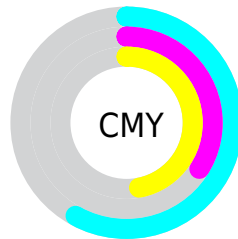


Cyan (37%)

Magenta (0%)

Yellow (20%)

Black (34%)



Cyan (58%)


Magenta (34%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3197, 32.8187, 27.9745 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 24.3197, 32.8187, 27.9745 by changing the saturation by 10% instead.


 24.3197, 32.8187,
27.9745


 24.3197, 32.8187,
27.9745


266.8434,
314.8320, 306.2531


 15.6970, 21.9876,
18.0676


 50.0023, 64.0924,
57.4663


 9.3995, 13.8478,
10.8286


 67.7929, 85.3037,
77.8883

 5.0618, 8.0149,
5.8390


 89.3701, 110.7440,
102.6524

 2.3187, 4.1045,
2.6802

 115.0993,
140.7975, 132.1771

 0.8042, 1.7322,
0.9334

145.3459,
175.8486, 166.8810

 0.0000, 0.4444,
0.0000

180.4752,

 0.0000, 0.0000,

216.2818, 207.1826

0.0000

220.8526,
262.4815, 253.5005

■ 24.3197, 32.8187,
27.9745

■ 24.3197, 32.8187,
27.9745

■ 21.9121, 31.6482,
24.7124

■ 27.1731, 34.2147,
31.5350

■ 19.9235, 30.6867,
21.7386

■ 30.4920, 35.8436,
35.3992

■ 18.3279, 29.9222,
19.0455


■ 34.2980, 37.7172,
39.5751


■ 17.0956, 29.3392,
16.6245


■ 38.6107, 39.8454,
44.0697

■ 16.1919, 28.9201,
14.4663


■ 43.4484, 42.2377,
48.8899

 15.5666, 28.6393,
12.5604

 48.8286, 44.9028,
54.0421

 15.3992, 28.5648,
12.0190

 54.7679, 47.8493,
59.5328

 61.2823, 51.0852,
65.3681

 67.5712, 54.1976,
71.5159

Harmonies

Analogous

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



26.4680, 32.8187, 20.6255



24.3197, 32.8187, 27.9745



23.9251, 32.8187, 39.2371

Triad

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



24.3197, 32.8187, 27.9745



32.3935, 32.8187, 63.5514



37.8879, 32.8187, 23.2718

Complementary

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



24.3197, 32.8187, 27.9745



25.9639, 20.4979, 27.0156

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.



39.8017, 32.8187, 32.4459



24.3197, 32.8187, 27.9745



36.4497, 32.8187, 56.8501

Square

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



24.3197, 32.8187, 27.9745



28.3509, 32.8187, 61.6026



39.2532, 32.8187, 44.8100



34.2193, 32.8187, 18.3607

Rectangle

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



24.3197, 32.8187, 27.9745



24.6726, 32.8187, 47.8368



39.2532, 32.8187, 44.8100



38.7719, 32.8187, 25.8668

Sweetspot

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



24.3206, 32.8200, 27.9752



59.1578, 66.9240, 68.4855



27.2639, 34.5420, 18.8665



12.7001, 14.4912, 14.7144



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.3206, 32.8200, 27.9752



40.6130, 57.8414, 46.0402



26.8244, 33.8216, 41.1603



7.5773, 8.4640, 8.7602



11.6539, 21.5803, 9.2101



0.3095, 0.5355, 0.3610

Inverse Universe

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



25.9639, 20.4979, 27.0156



44.0194, 32.2875, 44.0426



24.0138, 19.7178, 16.7468



7.6917, 7.6065, 8.6938



13.5959, 6.8471, 7.9496



0.3563, 0.1768, 0.3277

Previews

White Background



This preview shows how the XYZ color 24.3197, 32.8187, 27.9745 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 24.3197, 32.8187, 27.9745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

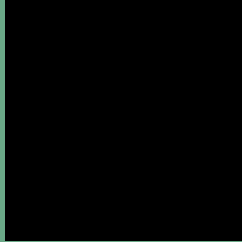
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.3197, 32.8187, 27.9745

Background



This preview shows how black text looks on a background with the XYZ color 24.3197, 32.8187, 27.9745.



This preview shows how white text looks on a background with the XYZ color 24.3197, 32.8187,

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

24.3197, 32.8187, 27.9745

Protanopia

30.5561, 32.4562, 25.0763

Deuteranopia

33.0868, 32.4729, 28.9501



Tritanopia

27.8270, 32.6201, 45.9040

Trichromacy



Original Color

24.3197, 32.8187, 27.9745

Protanomaly

27.6502, 32.1858, 26.2279

Deuteranomaly

29.0536, 32.0959, 28.7086

Tritanomaly

26.3906, 32.5689, 38.6137

Monochromacy



Original Color

24.3197, 32.8187, 27.9745

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

25.7982, 29.8895, 30.0007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3197, 32.8187, 27.9745 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(106, 168, 135)` looks like.

```
.text, #text, p{  
    color:rgb(106, 168, 135)  
}
```

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(106, 168, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 168, 135) }
```

Border

The CSS property to change the border of an element to XYZ 24.3197, 32.8187, 27.9745 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(106, 168, 135) }
```


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

```
.border{ border-color:rgb(106, 168, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 168, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 168, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 168, 135);  
box-shadow:4px 4px 4px 4px rgb(106, 168,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3197, 32.8187, 27.9745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 168, 135) }
```

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

```
.background{ background-color: rgb(106,  
168, 135) }
```

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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