

Converting Colors

XYZ(32.7293, 30.4833, 24.9802)

Have a look what the booklet for
XYZ(32.7293, 30.4833, 24.9802)
contains.

XYZ(32.7787, 30.5798, 24.9437)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.7787, 30.5798,
24.9437)**

Conversions

Conversions Part 1

Format	Color
Hex	B68D81
RGB	182, 141, 129
RGB Percent	71%, 55%, 51%
CMY	0.2863, 0.4470, 0.4941
CMYK	0.00, 0.23, 0.29, 0.29
HSL	14°, 27%, 61%
HSV	14°, 29%, 71%
XYZ	32.7787, 30.5798, 24.9437
YIQ	151.8910, 28.2880, 4.9600

Conversions

Conversions Part 2

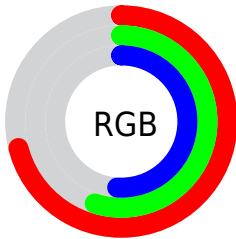
Format	Color
RYB	182, 145, 129
Decimal	11963777
CIELab	62.15, 13.78, 12.37
CIELCh	62, 18.512, 41.917
Yxy	30.5798, 0.3712, 0.3463
Android (android.graphics.Color)	4290153857 (0xFFB68D81)
YUV	151.8910, -11.2853, 26.4056
Hunter-Lab	55.2990, 9.0333, 11.9654

Details

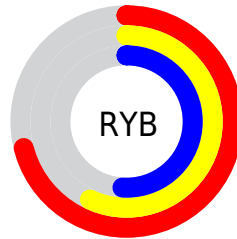
The XYZ color **32.7787, 30.5798, 24.9437** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.8710, 36.7927, 49.6780**, and the grayscale version is **29.8372, 31.3911, 34.1849**.

A 20% lighter version of the original color is **63.5552, 60.7583, 52.6338**, and **14.0911, 12.6506, 9.2885** is the 20% darker color. If you saturate the color by 10%, you get **29.7296, 26.2482, 18.4810**, and if you desaturate by 10%, it is **36.3088, 35.5282, 32.6305**.

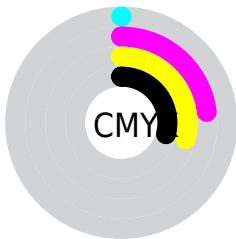
Distribution



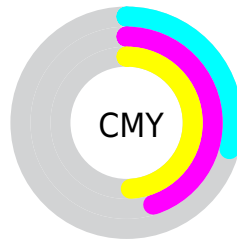
- Red (71%)
- Green (55%)
- Blue (51%)



- Red (71%)
- Yellow (57%)
- Blue (51%)



- Cyan (0%)
- Magenta (23%)
- Yellow (29%)
- Black (29%)





- Cyan (29%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7787, 30.5798, 24.9437 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 32.7787, 30.5798, 24.9437 by changing the saturation by 10% instead.


 32.7787, 30.5798,
24.9437


 32.7787, 30.5798,
24.9437


306.3340,
304.5978, 290.9961

 22.1154, 20.2791,
15.8165


 63.3869, 60.5779,
52.5289

 14.0588, 12.5981,
9.2414


 84.0624, 81.0441,
71.8239

 8.2435, 7.1524,
4.8000


 108.8061,
105.6675, 95.3452

 4.3043, 3.5576,
2.0737

137.9833,
134.8327, 123.5115

 1.8757, 1.4293,
0.6001

171.9593,
168.9238, 156.7412

 0.5626, 0.2382,
0.0000

211.0996,

 0.0000, 0.0000,

208.3255, 195.4528

0.0000

255.7693,
253.4220, 240.0649

■ 32.7787, 30.5798,
24.9437

■ 32.7787, 30.5798,
24.9437

■ 29.7296, 26.2482,
18.4810

■ 36.3088, 35.5282,
32.6305

■ 27.1379, 22.5049,
13.1771

■ 40.3374, 41.1120,
41.5984

■ 24.9812, 19.3252,
8.9631

■ 44.8841, 47.3545,
51.9031

■ 23.2345, 16.6813,
5.7624

■ 49.9667, 54.2763,
63.5965

■ 21.8701, 14.5427,
3.4881

■ 55.6022, 61.8972,
76.7277

■ 20.8563, 12.8756,
2.0386

■ 61.8067, 70.2361,
91.3433

■ 20.1445, 11.6373,
1.2305

■ 68.3693, 79.2208,
106.2954

■ 20.0920, 11.5463,
1.1697

■ 72.6654, 87.8129,
107.7275

■ 73.1014, 88.6851,
107.8728

Harmonies

Analogous

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



34.0105, 30.5798, 30.5419



32.7787, 30.5798, 24.9437



30.5781, 30.5798, 21.8800

Triad

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



32.7787, 30.5798, 24.9437



24.7438, 30.5798, 29.2156



30.0660, 30.5798, 48.6101

Complementary

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



32.7787, 30.5798, 24.9437



31.8710, 36.7927, 49.6780

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.



27.6031, 30.5798, 48.1202



32.7787, 30.5798, 24.9437



24.6241, 30.5798, 36.2113

Square

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



32.7787, 30.5798, 24.9437



25.9800, 30.5798, 24.0927



25.6433, 30.5798, 43.3317



32.3854, 30.5798, 44.5877

Rectangle

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



32.7787, 30.5798, 24.9437



28.9051, 30.5798, 21.3773



25.6433, 30.5798, 43.3317



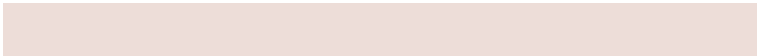
29.2258, 30.5798, 48.9819

Sweetspot

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



32.7795, 30.5812, 24.9443



73.1065, 74.5015, 75.3618



34.4465, 28.5678, 41.9857



15.8998, 16.1139, 16.0904



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.7795, 30.5812, 24.9443



55.7535, 50.2350, 37.3941



37.0697, 39.1616, 26.3744



9.1652, 9.3334, 9.4254



14.2312, 8.2388, 0.8402



0.5492, 0.3855, 0.0455

Inverse Universe

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



31.8710, 36.7927, 49.6780



53.8250, 63.3327, 89.6233



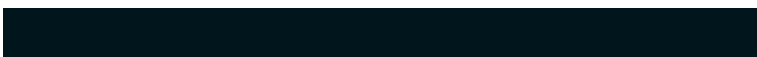
27.4728, 27.9964, 48.2119



9.0895, 9.8563, 11.5028



12.7177, 15.8951, 33.6508



0.4914, 0.6464, 1.2006

Previews

White Background



This preview shows how the XYZ color 32.7787, 30.5798, 24.9437 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 32.7787, 30.5798, 24.9437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

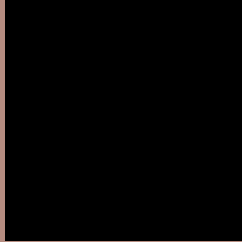
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.7787, 30.5798, 24.9437

Background



This preview shows how black text looks on a background with the XYZ color 32.7787, 30.5798, 24.9437.



This preview shows how white text looks on a background with the XYZ color 32.7787, 30.5798,

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

32.7787, 30.5798, 24.9437

Protanopia

29.1141, 30.7020, 26.9459

Deuteranopia

31.2553, 30.6935, 24.6992



Tritanopia

34.2805, 30.5372, 32.5213

Trichromacy



Original Color

32.7787, 30.5798, 24.9437

Protanomaly

30.3245, 30.6404, 26.1457

Deuteranomaly

31.7740, 30.7351, 24.6799

Tritanomaly

33.6435, 30.4855, 29.7023

Monochromacy



Original Color

32.7787, 30.5798, 24.9437

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.7282, 30.9800, 30.7457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7787, 30.5798, 24.9437 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(182, 141, 129)` looks like.

```
.text, #text, p{  
    color:rgb(182, 141, 129)  
}
```

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(182, 141, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 141, 129) }
```

Border

The CSS property to change the border of an element to XYZ 32.7787, 30.5798, 24.9437 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(182, 141, 129) }
```


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

```
.border{ border-color:rgb(182, 141, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 141, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 141, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 141, 129);  
box-shadow:4px 4px 4px 4px rgb(182, 141,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7787, 30.5798, 24.9437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 141, 129) }
```

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

```
.background{ background-color: rgb(182,  
141, 129) }
```

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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