

Converting Colors

XYZ(32.5533, 26.9723, 21.9538)

Have a look what the booklet for
XYZ(32.5533, 26.9723, 21.9538)
contains.

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Color

**XYZ(32.5881, 26.9085,
21.8886)**

Conversions

Conversions Part 1

Format	Color
Hex	C17B7A
RGB	193, 123, 122
RGB Percent	76%, 48%, 48%
CMY	0.2431, 0.5176, 0.5216
CMYK	0.00, 0.36, 0.37, 0.24
HSL	1°, 36%, 62%
HSV	1°, 37%, 76%
XYZ	32.5881, 26.9085, 21.8886
YIQ	143.8160, 42.0410, 14.5290

Conversions

Conversions Part 2

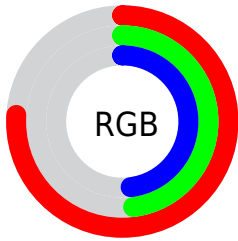
Format	Color
R_{YB}	193, 123, 122
Decimal	12680058
CIE Lab	58.89, 27.15, 11.96
CIE LCh	59, 29.671, 23.770
Yxy	26.9085, 0.4004, 0.3306
Android (android.graphics.Color)	4290870138 (0xFFC17B7A)
YUV	143.8160, -10.7553, 43.1344
Hunter-Lab	51.8734, 21.3595, 11.2933

Details

The XYZ color **32.5881, 26.9085, 21.8886** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **36.5005, 45.6852, 57.3464**, and the grayscale version is **26.4659, 27.8442, 30.3223**.

A 20% lighter version of the original color is **62.9490, 54.6159, 47.2685**, and **13.9017, 10.5645, 7.6098** is the 20% darker color. If you saturate the color by 10%, you get **29.3736, 22.2070, 15.4916**, and if you desaturate by 10%, it is **36.5002, 32.6251, 29.6903**.

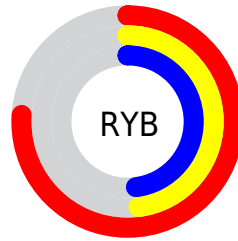
Distribution



Red (76%)

Green (48%)

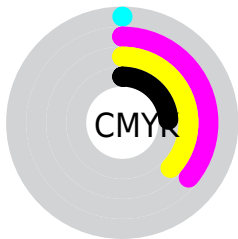
Blue (48%)



Red (76%)

Yellow (48%)

Blue (48%)

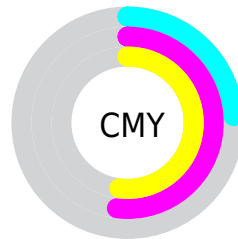


Cyan (0%)

Magenta (36%)

Yellow (37%)

Black (24%)



Cyan (24%)


Magenta (52%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5881, 26.9085, 21.8886 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 32.5881, 26.9085, 21.8886 by changing the saturation by 10% instead.


 32.5881, 26.9085,
21.8886


 32.5881, 26.9085,
21.8886


305.4875,
287.2138, 274.8985


 21.9688, 17.5045,
13.5775


 63.0909, 54.7370,
47.4616

 13.9505, 10.5948,
7.6920


 83.7051, 73.9303,
65.5607

 8.1677, 5.7951,
3.8136


 108.3817, 97.1555,
87.7595

 4.2551, 2.7209,
1.5237

137.4860,
124.7970, 114.4765

 1.8475, 0.9878,
0.2355

171.3834,
157.2392, 146.1304

 0.5460, 0.0000,
0.0000

210.4392,

 0.0000, 0.0000,

194.8665, 183.1397

0.0000

255.0188,
238.0632, 225.9229

■ 32.5881, 26.9085,
21.8886

■ 32.5881, 26.9085,
21.8886

■ 29.3736, 22.2070,
15.4916

■ 36.5002, 32.6251,
29.6903

■ 26.8138, 18.4575,
10.4144

■ 41.1454, 39.4070,
38.9717

■ 24.8644, 15.5963,
6.5654

■ 46.5591, 47.3060,
49.8041

■ 23.4745, 13.5502,
3.8408

■ 52.7739, 56.3692,
62.2540

■ 22.5854, 12.2342,
2.1193

■ 59.8206, 66.6412,
76.3839

■ 22.1223, 11.5430,
1.2401

■ 67.7282, 78.1639,
92.2531

■ 22.0219, 11.3967,
1.0391

■ 75.8023, 90.0774,
107.9992

Harmonies

Analogous

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



33.2466, 26.9085, 31.5459



32.5881, 26.9085, 21.8886



29.9745, 26.9085, 15.8397

Triad

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



32.5881, 26.9085, 21.8886



20.2982, 26.9085, 18.9091



24.8180, 26.9085, 54.3130

Complementary

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



32.5881, 26.9085, 21.8886



36.5005, 45.6852, 57.3464

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.



21.6298, 26.9085, 48.7978



32.5881, 26.9085, 21.8886



19.1860, 26.9085, 27.1610

Square

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



32.5881, 26.9085, 21.8886



22.8372, 26.9085, 14.4291



19.6492, 26.9085, 38.2170



28.5249, 26.9085, 51.9429

Rectangle

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



32.5881, 26.9085, 21.8886



27.5980, 26.9085, 13.8700



19.6492, 26.9085, 38.2170



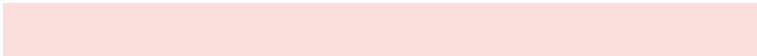
23.6548, 26.9085, 53.2849

Sweetspot

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



32.5888, 26.9098, 21.8891



78.9627, 78.2700, 80.3422



38.5776, 29.1070, 54.0370



16.6565, 16.3777, 16.6686



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



32.5888, 26.9098, 21.8891



53.7167, 41.3947, 29.9481



37.6470, 37.0262, 23.5752



10.0844, 10.1002, 10.4799



14.6522, 7.5901, 0.6928



0.6371, 0.3360, 0.0313

Inverse Universe

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



36.5005, 45.6852, 57.3464



61.7189, 79.8133, 102.5129



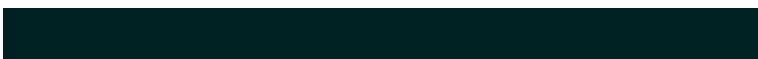
29.7936, 32.2715, 55.1108



10.3559, 11.4032, 12.9401



18.6935, 27.1436, 37.8106



0.8117, 1.1807, 1.6350

Previews

White Background



This preview shows how the XYZ color 32.5881, 26.9085, 21.8886 looks on a white background.

Color Contrast Check

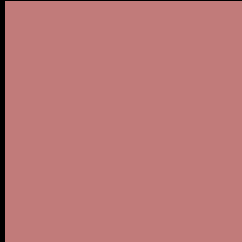
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5881, 26.9085, 21.8886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

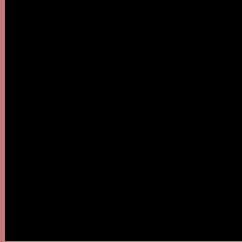
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.5881, 26.9085, 21.8886

Background



This preview shows how black text looks on a background with the XYZ color 32.5881, 26.9085, 21.8886.



This preview shows how white text looks on a background with the XYZ color 32.5881, 26.9085,

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

32.5881, 26.9085, 21.8886

Protanopia

25.8705, 27.2150, 25.7193

Deuteranopia

27.6457, 27.1399, 21.5507



Tritanopia

33.3044, 27.0271, 24.9341

Trichromacy



Original Color

32.5881, 26.9085, 21.8886

Protanomaly

27.8701, 26.7790, 24.1220

Deuteranomaly

29.3817, 26.9970, 21.7515

Tritanomaly

33.1039, 26.9469, 23.8786

Monochromacy



Original Color

32.5881, 26.9085, 21.8886

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.1484, 27.0673, 27.0335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5881, 26.9085, 21.8886 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(193, 123, 122)` looks like.

```
.text, #text, p{  
    color:rgb(193, 123, 122)  
}
```

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(193, 123, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 123, 122) }
```

Border

The CSS property to change the border of an element to XYZ 32.5881, 26.9085, 21.8886 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(193, 123, 122) }
```


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

```
.border{ border-color:rgb(193, 123, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 123, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 123, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 123, 122);  
box-shadow:4px 4px 4px 4px rgb(193, 123,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5881, 26.9085, 21.8886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 123, 122) }
```

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

```
.background{ background-color: rgb(193,  
123, 122) }
```

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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