

Converting Colors

XYZ(32.4482, 28.7218, 15.3889)

Have a look what the booklet for
XYZ(32.4482, 28.7218, 15.3889)
contains.

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Color

**XYZ(32.4482, 28.7218,
15.3889)**

Conversions

Conversions Part 1

Format	Color
Hex	C18462
RGB	193, 132, 98
RGB Percent	76%, 52%, 38%
CMY	0.2431, 0.4823, 0.6157
CMYK	0.00, 0.32, 0.49, 0.24
HSL	21°, 43%, 57%
HSV	21°, 49%, 76%
XYZ	32.4482, 28.7218, 15.3889
YIQ	146.3630, 47.2700, 2.3580

Conversions

Conversions Part 2

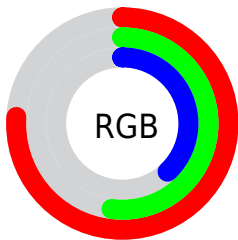
Format	Color
R_{YB}	193, 151, 98
Decimal	12682338
CIE Lab	60.54, 19.56, 27.78
CIE LCh	61, 33.973, 54.852
Yxy	28.7218, 0.4238, 0.3752
Android (android.graphics.Color)	4290872418 (0xFFC18462)
YUV	146.3630, -23.8430, 40.9006
Hunter-Lab	53.5927, 14.2872, 20.4901

Details

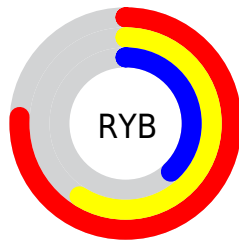
The XYZ color **32.4482, 28.7218, 15.3889** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **27.0602, 31.2419, 55.0561**, and the grayscale version is **27.5526, 28.9874, 31.5673**.

A 20% lighter version of the original color is **62.9187, 57.5633, 36.2284**, and **13.9314, 11.5920, 4.6352** is the 20% darker color. If you saturate the color by 10%, you get **30.0628, 25.2377, 10.6271**, and if you desaturate by 10%, it is **35.2544, 32.6958, 21.3754**.

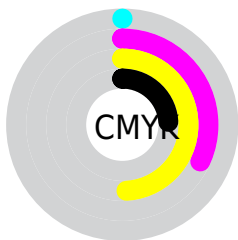
Distribution



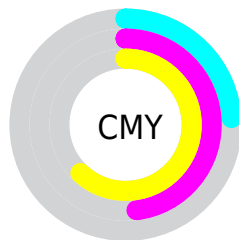
- Red (76%)
- Green (52%)
- Blue (38%)



- Red (76%)
- Yellow (59%)
- Blue (38%)



- Cyan (0%)
- Magenta (32%)
- Yellow (49%)
- Black (24%)





- Cyan (24%)
- Magenta (48%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4482, 28.7218, 15.3889 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 32.4482, 28.7218, 15.3889 by changing the saturation by 10% instead.


 32.4482, 28.7218,
15.3889


 32.4482, 28.7218,
15.3889


304.8651,
295.9001, 237.4295


 21.8613, 18.8705,
8.9431


 62.8735, 57.6348,
36.2859


 13.8710, 11.5767,
4.6078


 83.4426, 77.4652,
51.5742

 8.1121, 6.4562,
1.9644


 108.0699,
101.3908, 70.6471

 4.2192, 3.1244,
0.5332

 137.1206,
129.7960, 93.9232

 1.8269, 1.1970,
0.0000

170.9601,
163.0651, 121.8209

 0.5338, 0.0593,
0.0000

209.9537,

 0.0000, 0.0000,

201.5826, 154.7588

0.0000

254.4670,
245.7327, 193.1555

■ 32.4482, 28.7218,
15.3889

■ 32.4482, 28.7218,
15.3889

■ 30.0628, 25.2377,
10.6271

■ 35.2544, 32.6958,
21.3754

■ 28.0730, 22.2190,
7.0015

■ 38.5003, 37.1746,
28.6634

■ 26.4539, 19.6451,
4.4141


■ 42.2062, 42.1775,
37.3252

■ 25.1763, 17.4917,
2.7491


■ 46.3904, 47.7214,
47.4272


■ 24.1936, 15.7269,
1.8036

■ 51.0700, 53.8225,
59.0316

 24.1255, 15.6038,
1.7403

 56.2615, 60.4963,
72.1969

 61.9804, 67.7577,
86.9784

 68.2415, 75.6208,
103.4286

 72.2520, 82.9768,
106.8158

Harmonies

Analogous

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



35.6897, 28.7218, 22.1806



32.4482, 28.7218, 15.3889



28.0631, 28.7218, 12.8576

Triad

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



32.4482, 28.7218, 15.3889



19.7313, 28.7218, 29.1553



30.9994, 28.7218, 58.7099

Complementary

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



32.4482, 28.7218, 15.3889



27.0602, 31.2419, 55.0561

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.



26.5493, 28.7218, 62.0260



32.4482, 28.7218, 15.3889



20.3391, 28.7218, 42.5625

Square

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



32.4482, 28.7218, 15.3889



20.9674, 28.7218, 19.3268



22.7259, 28.7218, 55.4727



34.7924, 28.7218, 47.3416

Rectangle

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



32.4482, 28.7218, 15.3889



25.1940, 28.7218, 13.2539



22.7259, 28.7218, 55.4727



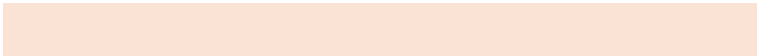
29.5185, 28.7218, 60.9127

Sweetspot

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



32.4489, 28.7232, 15.3895



78.4754, 79.3816, 73.7483



32.6834, 22.6024, 35.7834



16.5023, 16.5868, 15.0219



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.



32.4489, 28.7232, 15.3895



53.5700, 44.7947, 18.5128



40.2670, 44.3594, 17.9955



10.3617, 10.6548, 10.5723



16.1156, 10.5170, 1.1806



0.7619, 0.5855, 0.0729

Inverse Universe

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



27.0602, 31.2419, 55.0561



42.7659, 49.7368, 97.7064



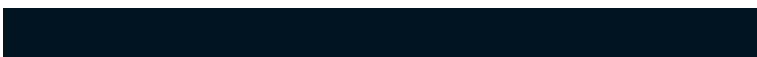
20.4847, 18.0908, 52.8642



10.0555, 10.8022, 12.8399



11.2671, 12.2906, 35.3351



0.5500, 0.6575, 1.5478

Previews

White Background



This preview shows how the XYZ color 32.4482, 28.7218, 15.3889 looks on a white background.

Color Contrast Check

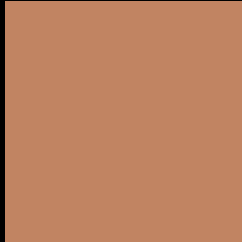
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4482, 28.7218, 15.3889 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 32.4482, 28.7218, 15.3889

Background



This preview shows how black text looks on a background with the XYZ color 32.4482, 28.7218, 15.3889.



This preview shows how white text looks on a background with the XYZ color 32.4482, 28.7218,

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

32.4482, 28.7218, 15.3889

Protanopia

26.8781, 28.8263, 17.2441

Deuteranopia

29.3939, 28.8308, 15.0820



Tritanopia

34.7983, 28.6921, 26.9966

Trichromacy



Original Color

32.4482, 28.7218, 15.3889

Protanomaly

28.7177, 28.6670, 16.5901

Deuteranomaly

30.3947, 28.6995, 15.2468

Tritanomaly

33.8688, 28.7078, 22.1684

Monochromacy



Original Color

32.4482, 28.7218, 15.3889

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.5916, 28.4213, 24.7478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4482, 28.7218, 15.3889 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, 132, 98)` looks like.

```
.text, #text, p{  
    color:rgb(193, 132, 98)  
}
```

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, 132, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 132, 98) }
```

Border

The CSS property to change the border of an element to XYZ 32.4482, 28.7218, 15.3889 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, 132, 98) }
```


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

```
.border{ border-color:rgb(193, 132, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 132, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 132, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 132, 98);  
box-shadow:4px 4px 4px 4px rgb(193, 132,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4482, 28.7218, 15.3889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 132, 98) }
```

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

```
.background{ background-color: rgb(193,  
132, 98) }
```

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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