

Converting Colors

XYZ(32.6375, 28.1011, 18.5788)

Have a look what the booklet for
XYZ(32.6375, 28.1011, 18.5788)
contains.

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Color

**XYZ(32.6570, 28.1638,
18.4668)**

Conversions

Conversions Part 1

Format	Color
Hex	C1816E
RGB	193, 129, 110
RGB Percent	76%, 51%, 43%
CMY	0.2431, 0.4941, 0.5686
CMYK	0.00, 0.33, 0.43, 0.24
HSL	14°, 40%, 59%
HSV	14°, 43%, 76%
XYZ	32.6570, 28.1638, 18.4668
YIQ	145.9700, 44.2430, 7.6590

Conversions

Conversions Part 2

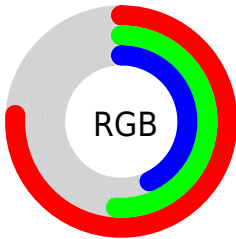
Format	Color
RYB	193, 135, 110
Decimal	12681582
CIELab	60.04, 22.46, 20.39
CIElCh	60, 30.333, 42.239
Yxy	28.1638, 0.4119, 0.3552
Android (android.graphics.Color)	4290871662 (0xFFC1816E)
YUV	145.9700, -17.7332, 41.2453
Hunter-Lab	53.0696, 16.9704, 16.5174

Details

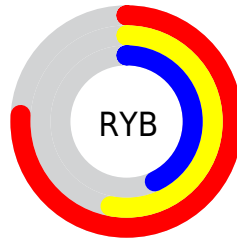
The XYZ color **32.6570, 28.1638, 18.4668** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.1912, 37.4355, 56.0336**, and the grayscale version is **27.3677, 28.7929, 31.3555**.

A 20% lighter version of the original color is **63.0332, 56.5738, 41.7800**, and **13.9820, 11.2581, 5.9935** is the 20% darker color. If you saturate the color by 10%, you get **29.8990, 24.1504, 12.9157**, and if you desaturate by 10%, it is **35.9307, 32.8425, 25.3194**.

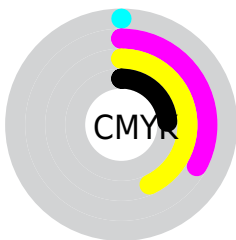
Distribution



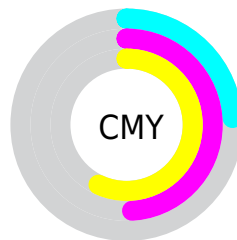
- Red (76%)
- Green (51%)
- Blue (43%)



- Red (76%)
- Yellow (53%)
- Blue (43%)



- Cyan (0%)
- Magenta (33%)
- Yellow (43%)
- Black (24%)




- Cyan (24%)
- Magenta (49%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6570, 28.1638, 18.4668 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 32.6570, 28.1638, 18.4668 by changing the saturation by 10% instead.


 32.6570, 28.1638,
18.4668


 32.6570, 28.1638,
18.4668


305.7937,
293.2488, 255.8130

 22.0218, 18.4492,
11.1127


 63.1979, 56.7459,
41.6558


 13.9896, 11.2729,
6.0276

 83.8343, 76.3821,
58.3278

 8.1951, 6.2507,
2.7928


 108.5352,
100.0943, 78.9428

 4.2729, 2.9981,
0.9898

 137.6659,
128.2668, 103.9195

 1.8576, 1.1308,
0.0000

171.5917,
161.2842, 133.6763

 0.5520, 0.0040,
0.0000

210.6781,

 0.0000, 0.0000,

199.5307, 168.6318

0.0000

255.2903,
243.3908, 209.2046

■ 32.6570, 28.1638,
18.4668

■ 32.6570, 28.1638,
18.4668

■ 29.8990, 24.1504,
12.9157

■ 35.9307, 32.8425,
25.3194

■ 27.6274, 20.7675,
8.5814

■ 39.7433, 38.2108,
33.5478

■ 25.8129, 17.9834,
5.3714


■ 44.1190, 44.2971,
43.2223


■ 24.4219, 15.7619,
3.1795


■ 49.0797, 51.1266,
54.4082


■ 23.4155, 14.0624,
1.8781


■ 54.6465, 58.7235,
67.1667

 22.9000, 13.1531,
1.3318

 60.8391, 67.1109,
81.5554

 67.6764, 76.3108,
97.6294

 73.6255, 85.7240,
107.2737

 75.8022, 90.0774,
107.9992

Harmonies

Analogous

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



34.7091, 28.1638, 26.3708



32.6570, 28.1638, 18.4668



29.1006, 28.1638, 14.5329

Triad

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



32.6570, 28.1638, 18.4668



20.2962, 28.1638, 24.6201



28.3756, 28.1638, 56.5258

Complementary

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



32.6570, 28.1638, 18.4668



31.1912, 37.4355, 56.0336

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.



24.5651, 28.1638, 55.7318



32.6570, 28.1638, 18.4668



20.1425, 28.1638, 35.4031

Square

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



32.6570, 28.1638, 18.4668



22.0770, 28.1638, 17.4521



21.6347, 28.1638, 47.3156



32.0824, 28.1638, 49.2780

Rectangle

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



32.6570, 28.1638, 18.4668



26.4795, 28.1638, 13.9345



21.6347, 28.1638, 47.3156



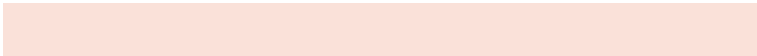
27.0603, 28.1638, 57.2317

Sweetspot

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



32.6577, 28.1652, 18.4673



78.8518, 79.1071, 77.0409



35.3077, 25.5853, 43.6435



16.5237, 16.4272, 15.6532



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.



32.6577, 28.1652, 18.4673



53.6354, 43.3796, 23.3002



39.0848, 41.0193, 20.6097



10.2562, 10.4438, 10.5372



15.2824, 8.8505, 0.9029



0.7144, 0.4906, 0.0570

Inverse Universe

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



31.1912, 37.4355, 56.0336



50.6101, 62.1482, 99.6887



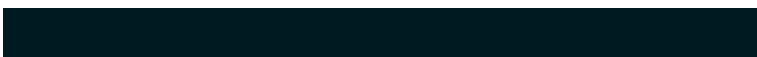
24.5147, 24.0824, 53.8081



10.1667, 11.0247, 12.8770



13.5930, 16.9425, 36.1104



0.6363, 0.8301, 1.5766

Previews

White Background



This preview shows how the XYZ color 32.6570, 28.1638, 18.4668 looks on a white background.

Color Contrast Check

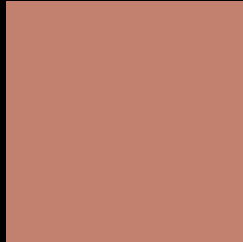
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.6570, 28.1638, 18.4668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

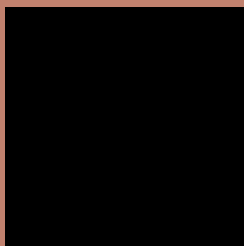
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.6570, 28.1638, 18.4668

Background



This preview shows how black text looks on a background with the XYZ color 32.6570, 28.1638, 18.4668.



This preview shows how white text looks on a background with the XYZ color 32.6570, 28.1638,

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

32.6570, 28.1638, 18.4668

Protanopia

26.6627, 28.4052, 20.9071

Deuteranopia

28.7340, 28.2059, 18.1172



Tritanopia

34.2125, 28.0186, 26.5266

Trichromacy



Original Color

32.6570, 28.1638, 18.4668

Protanomaly

28.4183, 28.0050, 19.8273

Deuteranomaly

30.0147, 28.0158, 18.2936

Tritanomaly

33.4749, 27.8974, 23.3591

Monochromacy



Original Color

32.6570, 28.1638, 18.4668

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.7160, 28.2362, 26.1269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6570, 28.1638, 18.4668 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, 129, 110)` looks like.

```
.text, #text, p{  
    color:rgb(193, 129, 110)  
}
```

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, 129, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 129, 110) }
```

Border

The CSS property to change the border of an element to XYZ 32.6570, 28.1638, 18.4668 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, 129, 110) }
```


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

```
.border{ border-color:rgb(193, 129, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 129, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 129, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 129, 110);  
box-shadow:4px 4px 4px 4px rgb(193, 129,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6570, 28.1638, 18.4668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 129, 110) }
```

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

```
.background{ background-color: rgb(193,  
129, 110) }
```

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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