

Converting Colors

XYZ(32.1679, 28.3095, 18.5210)

Have a look what the booklet for
XYZ(32.1679, 28.3095, 18.5210)
contains.

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Color

**XYZ(32.1660, 28.3055,
18.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	BE836E
RGB	190, 131, 110
RGB Percent	75%, 51%, 43%
CMY	0.2549, 0.4863, 0.5686
CMYK	0.00, 0.31, 0.42, 0.25
HSL	16°, 38%, 59%
HSV	16°, 42%, 75%
XYZ	32.1660, 28.3055, 18.5200
YIQ	146.2470, 41.9050, 5.9770

Conversions

Conversions Part 2

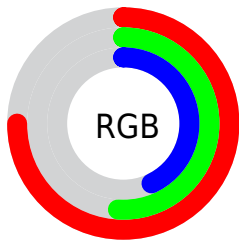
Format	Color
RYB	190, 138, 110
Decimal	12485486
CIELab	60.16, 20.14, 20.50
CIELCh	60, 28.743, 45.507
Yxy	28.3055, 0.4072, 0.3583
Android (android.graphics.Color)	4290675566 (0xFFBE836E)
YUV	146.2470, -17.8698, 38.3714
Hunter-Lab	53.2029, 14.8144, 16.6031

Details

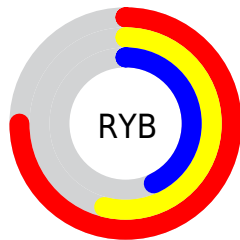
The XYZ color **32.1660, 28.3055, 18.5200** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.9121, 35.4074, 53.9730**, and the grayscale version is **27.4826, 28.9138, 31.4871**.

A 20% lighter version of the original color is **62.3735, 56.8461, 41.8674**, and **13.6434, 11.3010, 6.0196** is the 20% darker color. If you saturate the color by 10%, you get **29.4841, 24.4235, 13.0580**, and if you desaturate by 10%, it is **35.3257, 32.7880, 25.2361**.

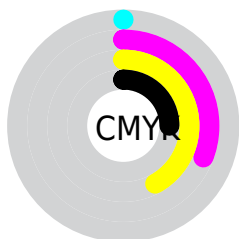
Distribution



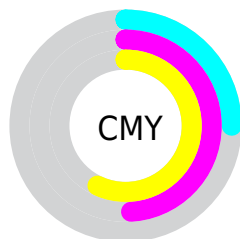
- Red (75%)
- Green (51%)
- Blue (43%)



- Red (75%)
- Yellow (54%)
- Blue (43%)



- Cyan (0%)
- Magenta (31%)
- Yellow (42%)
- Black (25%)





- Cyan (25%)
- Magenta (49%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1660, 28.3055, 18.5200 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 32.1660, 28.3055, 18.5200 by changing the saturation by 10% instead.


 32.1660, 28.3055,
18.5200


 32.1660, 28.3055,
18.5200


303.6066,
293.9238, 256.1197


 21.6445, 18.5561,
11.1507


 62.4347, 56.9718,
41.7473


 13.7110, 11.3500,
6.0528


 82.9125, 76.6575,
58.4423

 8.0003, 6.3027,
2.8079


 107.4399,
100.4241, 79.0829

 4.1470, 3.0300,
0.9974

 136.3821,
128.6559, 104.0878

 1.7856, 1.1474,
0.0000

170.1045,
161.7374, 133.8753

 0.5090, 0.0181,
0.0000

208.9725,

 0.0000, 0.0000,

200.0530, 168.8641

0.0000

253.3514,
243.9870, 209.4728

■ 32.1660, 28.3055,
18.5200

■ 32.1660, 28.3055,
18.5200

■ 29.4841, 24.4235,
13.0580

■ 35.3257, 32.7880,
25.2361

■ 27.2534, 21.1119,
8.7697

■ 38.9836, 37.8912,
33.2765

■ 25.4478, 18.3440,
5.5678

■ 43.1615, 43.6395,
42.7082

■ 24.0373, 16.0892,
3.3521

■ 47.8794, 50.0547,
53.5930

■ 22.9874, 14.3135,
2.0032

■ 53.1561, 57.1575,
65.9892

■ 22.3709, 13.2185,
1.3724

■ 59.0093, 64.9677,
79.9517

■ 65.4561, 73.5044,
95.5328

■ 71.3650, 82.3266,
106.7370

■ 75.0452, 89.6872,
107.9638

Harmonies

Analogous

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



34.3035, 28.3055, 25.7194



32.1660, 28.3055, 18.5200



28.7110, 28.3055, 15.0848

Triad

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



32.1660, 28.3055, 18.5200



20.6254, 28.3055, 26.0275



28.8374, 28.3055, 54.7237

Complementary

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



32.1660, 28.3055, 18.5200



29.9121, 35.4074, 53.9730

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.



25.1735, 28.3055, 54.8598



32.1660, 28.3055, 18.5200



20.6525, 28.3055, 36.5537

Square

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



32.1660, 28.3055, 18.5200



22.1709, 28.3055, 18.7011



22.2488, 28.3055, 47.6281



32.2658, 28.3055, 47.2901

Rectangle

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



32.1660, 28.3055, 18.5200



26.2310, 28.3055, 14.7454



22.2488, 28.3055, 47.6281



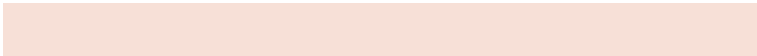
27.5875, 28.3055, 55.6724

Sweetspot

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



32.1667, 28.3069, 18.5206



77.3303, 77.8705, 75.3759



34.0670, 25.0015, 41.0606



16.5961, 16.5718, 15.6773



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.



32.1667, 28.3069, 18.5206



53.5537, 44.4409, 23.9094



38.4246, 40.8226, 20.6065



9.7284, 9.9328, 9.9811



14.9309, 8.9006, 0.9310



0.6403, 0.4595, 0.0550

Inverse Universe

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



29.9121, 35.4074, 53.9730



48.8607, 59.0260, 97.0971



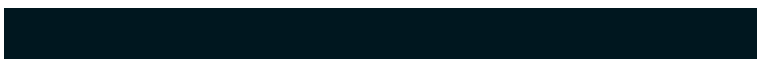
23.7076, 22.9983, 51.9049



9.5909, 10.3740, 12.1691



12.4939, 15.0995, 34.6489



0.5399, 0.6925, 1.3741

Previews

White Background



This preview shows how the XYZ color 32.1660, 28.3055, 18.5200 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 32.1660, 28.3055, 18.5200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

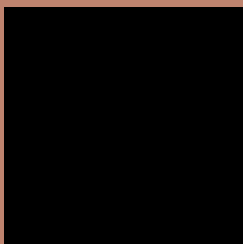
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.1660, 28.3055, 18.5200

Background



This preview shows how black text looks on a background with the XYZ color 32.1660, 28.3055, 18.5200.



This preview shows how white text looks on a background with the XYZ color 32.1660, 28.3055,

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

32.1660, 28.3055, 18.5200

Protanopia

26.6042, 28.3818, 20.5990

Deuteranopia

28.9527, 28.3186, 18.1274



Tritanopia

33.8430, 28.1914, 27.3247

Trichromacy



Original Color

32.1660, 28.3055, 18.5200

Protanomaly

28.3517, 28.1866, 19.8658

Deuteranomaly

30.1549, 28.2962, 18.3404

Tritanomaly

33.0358, 28.0470, 23.7511

Monochromacy



Original Color

32.1660, 28.3055, 18.5200

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.6588, 28.4246, 26.1663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1660, 28.3055, 18.5200 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(190, 131, 110)` looks like.

```
.text, #text, p{  
    color:rgb(190, 131, 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(190, 131, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 131, 110) }
```

Border

The CSS property to change the border of an element to XYZ 32.1660, 28.3055, 18.5200 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(190, 131, 110) }
```


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

```
.border{ border-color:rgb(190, 131, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 131, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 131, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 131, 110);  
box-shadow:4px 4px 4px 4px rgb(190, 131,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1660, 28.3055, 18.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 131, 110) }
```

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

```
.background{ background-color: rgb(190,  
131, 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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