

Converting Colors

XYZ(32.4634, 29.1681, 20.0208)

Have a look what the booklet for
XYZ(32.4634, 29.1681, 20.0208)
contains.

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Color

**XYZ(32.4975, 29.2571,
20.1540)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | BC8773 |
| RGB | 188, 135, 115 |
| RGB Percent | 74%, 53%, 45% |
| CMY | 0.2627, 0.4706, 0.5490 |
| CMYK | 0.00, 0.28, 0.39, 0.26 |
| HSL | 16°, 35%, 59% |
| HSV | 16°, 39%, 74% |
| XYZ | 32.4975, 29.2571, 20.1540 |
| YIQ | 148.5670, 38.0080, 5.0160 |

Conversions

Conversions Part 2

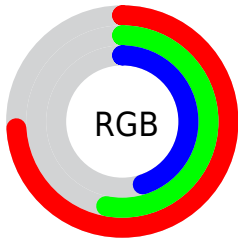
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 188, 143, 115 |
| Decimal | 12355443 |
| CIE Lab | 61.01, 17.70, 18.79 |
| CIE LCh | 61, 25.814, 46.716 |
| Yxy | 29.2571, 0.3968, 0.3572 |
| Android (android.graphics.Color) | 4290545523 (0xFFBC8773) |
| YUV | 148.5670, -16.5485, 34.5827 |
| Hunter-Lab | 54.0898, 12.5867, 15.7713 |

Details

The XYZ color **32.4975, 29.2571, 20.1540** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.1494, 35.2795, 52.7975**, and the grayscale version is **28.4419, 29.9231, 32.5863**.

A 20% lighter version of the original color is **62.9643, 58.3493, 44.5032**, and **13.9345, 11.8888, 6.8705** is the 20% darker color. If you saturate the color by 10%, you get **29.7404, 25.3012, 14.4311**, and if you desaturate by 10%, it is **35.7209, 33.7923, 27.1214**.

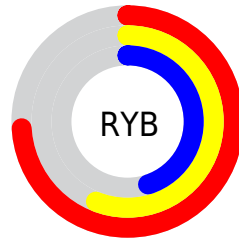
Distribution



Red (74%)

Green (53%)

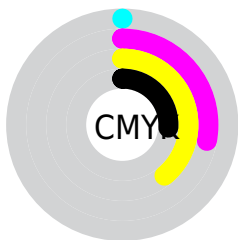
Blue (45%)



Red (74%)

Yellow (56%)

Blue (45%)

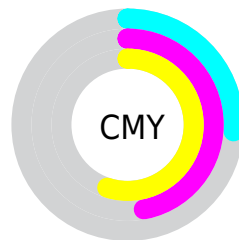


Cyan (0%)

Magenta (28%)

Yellow (39%)

Black (26%)



Cyan (26%)


Magenta (47%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4975, 29.2571, 20.1540 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 32.4975, 29.2571, 20.1540 by changing the saturation by 10% instead.


 32.4975, 29.2571,
20.1540


 32.4975, 29.2571,
20.1540


305.0845,
298.4261, 265.3794

 21.8992, 19.2754,
12.3218


 62.9501, 58.4853,
44.5376

 13.8990, 11.8694,
6.8381


 83.5352, 78.5006,
61.9261

 8.1317, 6.6548,
3.2841


 108.1798,
102.6293, 83.3372

 4.2318, 3.2472,
1.2415

137.2494,
131.2556, 109.1893

 1.8341, 1.2621,
0.0131

171.1093,
164.7641, 139.9010

 0.5381, 0.1116,
0.0000

210.1249,

 0.0000, 0.0000,

203.5390, 175.8909

0.0000

254.6615,
247.9649, 217.5775

■ 32.4975, 29.2571,
20.1540

■ 32.4975, 29.2571,
20.1540

■ 29.7404, 25.3012,
14.4311

■ 35.7209, 33.7923,
27.1214

■ 27.4246, 21.8966,
9.8767

■ 39.4294, 38.9251,
35.3996

■ 25.5262, 19.0191,
6.4093


■ 43.6435, 44.6779,
45.0522


■ 24.0176, 16.6410,
3.9360


■ 48.3817, 51.0708,
56.1381


■ 22.8675, 14.7318,
2.3478


■ 53.6619, 58.1230,
68.7128

 22.0295, 13.2529,
1.4602

 59.5006, 65.8530,
82.8289

 21.9456, 13.1045,
1.3728

 65.9140, 74.2782,
98.5363

 71.1971, 82.7276,
106.8233

 74.5490, 89.4314,
107.9406

Harmonies

Analogous

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



34.4959, 29.2571, 26.8049



32.4975, 29.2571, 20.1540



29.3255, 29.2571, 16.9785

Triad

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



32.4975, 29.2571, 20.1540



21.9596, 29.2571, 27.7746



29.7162, 29.2571, 53.1707

Complementary

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



32.4975, 29.2571, 20.1540



30.1494, 35.2795, 52.7975

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.



26.3438, 29.2571, 53.5771



32.4975, 29.2571, 20.1540



22.0457, 29.2571, 37.5048

Square

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



32.4975, 29.2571, 20.1540



23.3474, 29.2571, 20.7396



23.5928, 29.2571, 47.3868



32.8033, 29.2571, 46.3686

Rectangle

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



32.4975, 29.2571, 20.1540



27.0561, 29.2571, 16.7367



23.5928, 29.2571, 47.3868



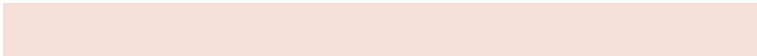
28.5737, 29.2571, 54.1015

Sweetspot

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



32.4982, 29.2585, 20.1546



76.4212, 77.3336, 75.4750



33.9876, 25.8001, 40.4955



16.2178, 16.3354, 15.7341



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.4982, 29.2585, 20.1546



54.3911, 46.5666, 27.1506



38.3902, 41.0425, 22.1186



9.7372, 9.9505, 9.9841



14.9959, 9.0307, 0.9527



0.6441, 0.4672, 0.0562

Inverse Universe

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



30.1494, 35.2795, 52.7975



49.4801, 59.0310, 95.0125



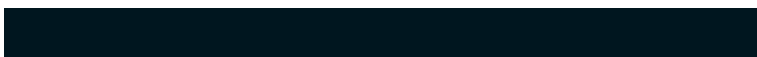
24.4034, 23.7875, 50.8822



9.5815, 10.3553, 12.1660



12.2854, 14.6825, 34.5794



0.5331, 0.6789, 1.3718

Previews

White Background



This preview shows how the XYZ color 32.4975, 29.2571, 20.1540 looks on a white background.

Color Contrast Check

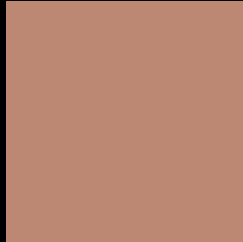
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4975, 29.2571, 20.1540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

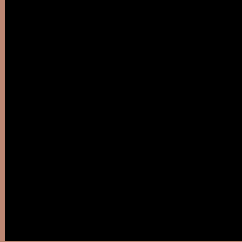
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4975, 29.2571, 20.1540

Background



This preview shows how black text looks on a background with the XYZ color 32.4975, 29.2571, 20.1540.



This preview shows how white text looks on a background with the XYZ color 32.4975, 29.2571,

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

32.4975, 29.2571, 20.1540

Protanopia

27.5952, 29.3158, 22.2933

Deuteranopia

29.9438, 29.4451, 20.0249



Tritanopia

34.1592, 29.1028, 29.0163

Trichromacy



Original Color

32.4975, 29.2571, 20.1540

Protanomaly

29.3007, 29.3017, 21.5642

Deuteranomaly

30.6300, 29.1451, 19.9308

Tritanomaly

33.4024, 28.9873, 25.6644

Monochromacy



Original Color

32.4975, 29.2571, 20.1540

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.5929, 29.5392, 27.8088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4975, 29.2571, 20.1540 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(188, 135, 115)` looks like.

```
.text, #text, p{  
    color:rgb(188, 135, 115)  
}
```

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(188, 135, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 135, 115) }
```

Border

The CSS property to change the border of an element to XYZ 32.4975, 29.2571, 20.1540 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(188, 135, 115) }
```


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

```
.border{ border-color:rgb(188, 135, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 135, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 135, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 135, 115);  
box-shadow:4px 4px 4px 4px rgb(188, 135,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4975, 29.2571, 20.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 135, 115) }
```

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

```
.background{ background-color: rgb(188,  
135, 115) }
```

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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