

Converting Colors

XYZ(32.6425, 29.2481, 26.5781)

Have a look what the booklet for
XYZ(32.6425, 29.2481, 26.5781)
contains.

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Color

**XYZ(32.4955, 29.1165,
26.4616)**

Conversions

Conversions Part 1

Format	Color
Hex	B78786
RGB	183, 135, 134
RGB Percent	72%, 53%, 53%
CMY	0.2824, 0.4706, 0.4745
CMYK	0.00, 0.26, 0.27, 0.28
HSL	1°, 25%, 62%
HSV	1°, 27%, 72%
XYZ	32.4955, 29.1165, 26.4616
YIQ	149.2380, 28.9290, 9.8650

Conversions

Conversions Part 2

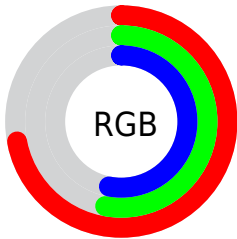
Format	Color
RYB	183, 135, 134
Decimal	12027782
CIELab	60.88, 18.22, 7.75
CIELCh	61, 19.803, 23.037
Yxy	29.1165, 0.3690, 0.3306
Android (android.graphics.Color)	4290217862 (0xFFB78786)
YUV	149.2380, -7.5123, 29.6093
Hunter-Lab	53.9597, 13.0664, 8.6962

Details

The XYZ color **32.4955, 29.1165, 26.4616** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.1062, 41.9417, 51.0451**, and the grayscale version is **28.6901, 30.1842, 32.8706**.

A 20% lighter version of the original color is **62.8880, 58.0796, 54.9096**, and **13.9020, 11.8042, 9.9332** is the 20% darker color. If you saturate the color by 10%, you get **29.0341, 24.0625, 19.5462**, and if you desaturate by 10%, it is **36.6005, 35.1037, 34.6818**.

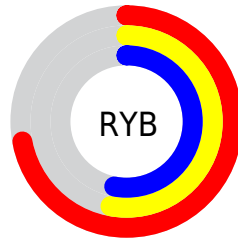
Distribution



Red (72%)

Green (53%)

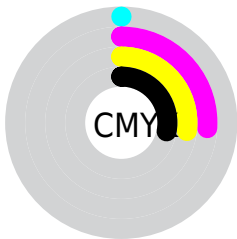
Blue (53%)



Red (72%)

Yellow (53%)

Blue (53%)

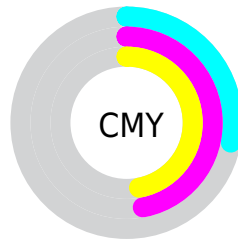


Cyan (0%)

Magenta (26%)

Yellow (27%)

Black (28%)



Cyan (28%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4955, 29.1165, 26.4616 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 32.4955, 29.1165, 26.4616 by changing the saturation by 10% instead.


 32.4955, 29.1165,
26.4616


 32.4955, 29.1165,
26.4616


305.0756,
297.7642, 298.7180


 21.8976, 19.1690,
16.9404


 62.9470, 58.2621,
55.0119

 13.8979, 11.7924,
10.0305


 83.5314, 78.2290,
74.8781

 8.1309, 6.6025,
5.3133


 108.1753,
102.3045, 99.0297

 4.2313, 3.2148,
2.3703

137.2442,
130.8729, 127.8853

 1.8338, 1.2449,
0.7702

171.1033,
164.3187, 161.8633

 0.5379, 0.0979,
0.0000

210.1180,

 0.0000, 0.0000,

203.0263, 201.3825

0.0000

254.6536,
247.3800, 246.8612

■ 32.4955, 29.1165,
26.4616

■ 32.4955, 29.1165,
26.4616

■ 29.0341, 24.0625,
19.5462

■ 36.6005, 35.1037,
34.6818

■ 26.1814, 19.8909,
13.8669

■ 41.3767, 42.0635,
44.2673

■ 23.9030, 16.5523,
9.3515

■ 46.8534, 50.0378,
55.2767

■ 22.1599, 13.9909,
5.9194

■ 53.0571, 59.0651,
67.7648

■ 20.9084, 12.1439,
3.4798

■ 60.0130, 69.1818,
81.7835

■ 20.0979, 10.9389,
1.9273

■ 67.7452, 80.4224,
97.3822

■ 19.6643, 10.2871,
1.1186

■ 73.3385, 88.8073,
107.8839

■ 19.5692, 10.1487,
0.9275

Harmonies

Analogous

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



32.8968, 29.1165, 33.4568



32.4955, 29.1165, 26.4616



30.7660, 29.1165, 21.6514

Triad

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



32.4955, 29.1165, 26.4616



23.8966, 29.1165, 23.9039



27.0773, 29.1165, 48.0011

Complementary

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



32.4955, 29.1165, 26.4616



35.1062, 41.9417, 51.0451

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.



24.7971, 29.1165, 44.4647



32.4955, 29.1165, 26.4616



23.0362, 29.1165, 30.0114

Square

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



32.4955, 29.1165, 26.4616



25.7780, 29.1165, 20.3429



23.3553, 29.1165, 37.5943



29.6615, 29.1165, 46.6580

Rectangle

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



32.4955, 29.1165, 26.4616



29.1472, 29.1165, 19.9622



23.3553, 29.1165, 37.5943



26.2520, 29.1165, 47.3274

Sweetspot

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



32.4963, 29.1179, 26.4622



72.8720, 73.5389, 76.8055



36.5162, 30.5028, 48.3185



15.7988, 15.8106, 16.3688



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.4963, 29.1179, 26.4622



54.4960, 46.7422, 39.9894



36.2844, 36.6941, 27.7249



9.0190, 9.0409, 9.3766



13.6580, 7.0923, 0.6491



0.4865, 0.2601, 0.0246

Inverse Universe

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



35.1062, 41.9417, 51.0451



59.9379, 73.4856, 91.2608



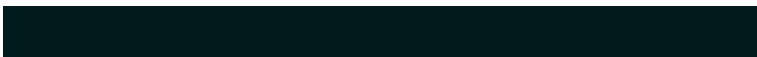
30.5520, 32.8334, 49.5271



9.2505, 10.1782, 11.5565



17.2500, 24.9597, 35.1616



0.6131, 0.8899, 1.2412

Previews

White Background



This preview shows how the XYZ color 32.4955, 29.1165, 26.4616 looks on a white background.

Color Contrast Check

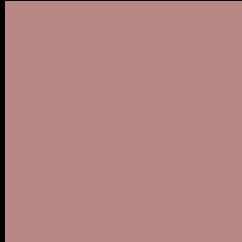
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4955, 29.1165, 26.4616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

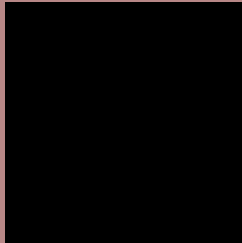
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4955, 29.1165, 26.4616

Background



This preview shows how black text looks on a background with the XYZ color 32.4955, 29.1165, 26.4616.



This preview shows how white text looks on a background with the XYZ color 32.4955, 29.1165,

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

32.4955, 29.1165, 26.4616

Protanopia

27.9298, 29.3402, 29.0021

Deuteranopia

29.8430, 29.2549, 26.2642



Tritanopia

33.1887, 28.9790, 30.2298

Trichromacy



Original Color

32.4955, 29.1165, 26.4616

Protanomaly

29.5142, 29.2664, 28.1382

Deuteranomaly

30.6998, 29.0429, 26.1781

Tritanomaly

33.0259, 29.1340, 28.6937

Monochromacy



Original Color

32.4955, 29.1165, 26.4616

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.7052, 29.5372, 30.5212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4955, 29.1165, 26.4616 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(183, 135, 134)` looks like.

```
.text, #text, p{  
    color:rgb(183, 135, 134)  
}
```

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(183, 135, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 135, 134) }
```

Border

The CSS property to change the border of an element to XYZ 32.4955, 29.1165, 26.4616 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(183, 135, 134) }
```


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

```
.border{ border-color:rgb(183, 135, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 135, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 135, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 135, 134);  
box-shadow:4px 4px 4px 4px rgb(183, 135,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4955, 29.1165, 26.4616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 135, 134) }
```

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

```
.background{ background-color: rgb(183,  
135, 134) }
```

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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