

Converting Colors

XYZ(32.7296, 32.6479, 26.0302)

Have a look what the booklet for
XYZ(32.7296, 32.6479, 26.0302)
contains.

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Color

**XYZ(32.6823, 32.5653,
26.0359)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9683
RGB	175, 150, 131
RGB Percent	69%, 59%, 51%
CMY	0.3137, 0.4117, 0.4863
CMYK	0.00, 0.14, 0.25, 0.31
HSL	26°, 22%, 60%
HSV	26°, 25%, 69%
XYZ	32.6823, 32.5653, 26.0359
YIQ	155.3090, 20.9990, -0.6090

Conversions

Conversions Part 2

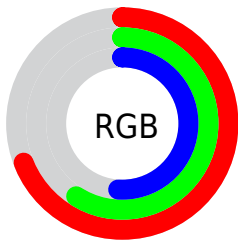
Format	Color
RYB	175, 164, 131
Decimal	11507331
CIELab	63.81, 6.29, 13.46
CIELCh	64, 14.860, 64.946
Yxy	32.5653, 0.3580, 0.3567
Android (android.graphics.Color)	4289697411 (0xFFAF9683)
YUV	155.3090, -11.9843, 17.2690
Hunter-Lab	57.0660, 2.3633, 12.8956

Details

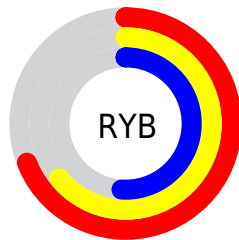
The XYZ color **32.6823, 32.5653, 26.0359** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **28.9862, 31.6967, 45.1481**, and the grayscale version is **31.3382, 32.9703, 35.9046**.

A 20% lighter version of the original color is **63.1996, 63.6353, 54.2993**, and **14.0109, 13.6705, 9.8829** is the 20% darker color. If you saturate the color by 10%, you get **30.0755, 29.0920, 19.8013**, and if you desaturate by 10%, it is **35.6259, 36.3910, 33.3719**.

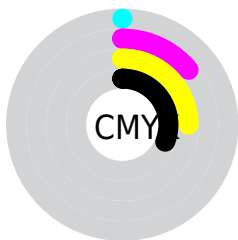
Distribution



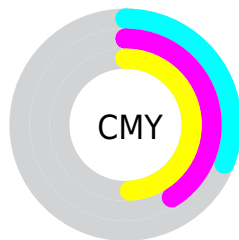
- Red (69%)
- Green (59%)
- Blue (51%)



- Red (69%)
- Yellow (64%)
- Blue (51%)



- Cyan (0%)
- Magenta (14%)
- Yellow (25%)
- Black (31%)





- Cyan (31%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6823, 32.5653, 26.0359 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 32.6823, 32.5653, 26.0359 by changing the saturation by 10% instead.


 32.6823, 32.5653,
26.0359


 32.6823, 32.5653,
26.0359


305.9061,
313.6864, 296.5693


 22.0412, 21.7936,
16.6245


 63.2372, 63.6963,
54.3177

 14.0040, 13.7054,
9.8080


 83.8818, 84.8244,
74.0251

 8.2052, 7.9160,
5.1679


 108.5915,
110.1734, 98.0016

 4.2794, 4.0413,
2.2857

137.7319,
140.1277, 126.6657

 1.8614, 1.6967,
0.7232

171.6682,
175.0718, 160.4360

 0.5542, 0.4215,
0.0000

210.7657,

 0.0000, 0.0000,

215.3900, 199.7310

0.0000

255.3899,
261.4668, 244.9693

■ 32.6823, 32.5653,
26.0359

■ 32.6823, 32.5653,
26.0359

■ 30.0755, 29.0920,
19.8013

■ 35.6259, 36.3910,
33.3719

■ 27.7894, 25.9559,
14.6119

■ 38.9161, 40.5747,
41.8576

■ 25.8105, 23.1472,
10.4098

■ 42.5658, 45.1277,
51.5409

■ 24.1231, 20.6539,
7.1302

■ 46.5862, 50.0593,
62.4663

■ 22.7101, 18.4631,
4.7008

■ 50.9880, 55.3784,
74.6760

■ 21.5518, 16.5606,
3.0379

■ 55.7816, 61.0936,
88.2103

■ 20.6247, 14.9303,
2.0389

■ 60.9767, 67.2133,
103.1077

■ 20.2350, 14.2254,
1.6793

■ 63.8982, 72.6717,
105.2670

■ 66.7370, 78.3493,
106.2133

Harmonies

Analogous

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



34.3582, 32.5653, 29.2764



32.6823, 32.5653, 26.0359



30.6078, 32.5653, 25.2000

Triad

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



32.6823, 32.5653, 26.0359



27.1255, 32.5653, 36.4577



33.3073, 32.5653, 45.7330

Complementary

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



32.6823, 32.5653, 26.0359



28.9862, 31.6967, 45.1481

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.



31.2995, 32.5653, 48.1790



32.6823, 32.5653, 26.0359



27.7793, 32.5653, 42.4539

Square

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



32.6823, 32.5653, 26.0359



27.4588, 32.5653, 30.8122



29.2845, 32.5653, 46.9166



34.7303, 32.5653, 40.5489

Rectangle

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



32.6823, 32.5653, 26.0359



29.2912, 32.5653, 26.0284



29.2845, 32.5653, 46.9166



32.6752, 32.5653, 46.9277

Sweetspot

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



32.6832, 32.5668, 26.0366



67.8649, 70.3540, 70.1908



31.8532, 27.7699, 35.4309



14.8864, 15.3866, 15.0898



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.6832, 32.5668, 26.0366



55.9501, 54.9034, 40.3880



36.4022, 40.0049, 27.2763



8.2791, 8.5629, 8.4298



14.5497, 10.3049, 1.2222



0.4598, 0.3967, 0.0523

Inverse Universe

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



28.9862, 31.6967, 45.1481



48.2197, 53.0807, 80.3410



25.7159, 25.1559, 44.0580



7.9423, 8.4839, 10.1716



8.8271, 8.7881, 30.2755



0.2986, 0.3505, 0.8599

Previews

White Background



This preview shows how the XYZ color 32.6823, 32.5653, 26.0359 looks on a white background.

Color Contrast Check

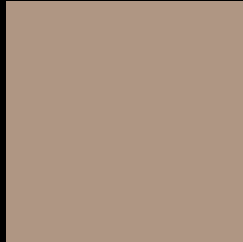
Large Text (above 18pt) WCAG AA × Fail

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 32.6823, 32.5653, 26.0359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

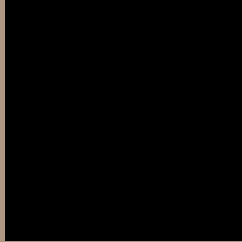
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6823, 32.5653, 26.0359

Background



This preview shows how black text looks on a background with the XYZ color 32.6823, 32.5653, 26.0359.



This preview shows how white text looks on a background with the XYZ color 32.6823, 32.5653,

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

32.6823, 32.5653, 26.0359

Protanopia

30.6895, 32.4860, 26.8432

Deuteranopia

33.2043, 32.5986, 26.0148



Tritanopia

34.8105, 32.4914, 36.7845

Trichromacy



Original Color

32.6823, 32.5653, 26.0359

Protanomaly

31.4924, 32.6639, 26.4747

Deuteranomaly

32.9756, 32.4807, 26.0041

Tritanomaly

33.9105, 32.3527, 32.4744

Monochromacy



Original Color

32.6823, 32.5653, 26.0359

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.4798, 32.5392, 31.8157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6823, 32.5653, 26.0359 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(175, 150, 131)` looks like.

```
.text, #text, p{  
    color:rgb(175, 150, 131)  
}
```

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(175, 150, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 150, 131) }
```

Border

The CSS property to change the border of an element to XYZ 32.6823, 32.5653, 26.0359 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(175, 150, 131) }
```


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

```
.border{ border-color:rgb(175, 150, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 150, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 150, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 150, 131);  
box-shadow:4px 4px 4px 4px rgb(175, 150,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6823, 32.5653, 26.0359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 150, 131) }
```

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

```
.background{ background-color: rgb(175,  
150, 131) }
```

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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