

Converting Colors

XYZ(33.5684, 32.6970, 26.5793)

Have a look what the booklet for
XYZ(33.5684, 32.6970, 26.5793)
contains.

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Color

**XYZ(33.5715, 32.7721,
26.7465)**

Conversions

Conversions Part 1

Format	Color
Hex	B39585
RGB	179, 149, 133
RGB Percent	70%, 58%, 52%
CMY	0.2980, 0.4157, 0.4784
CMYK	0.00, 0.17, 0.26, 0.30
HSL	21°, 23%, 61%
HSV	21°, 26%, 70%
XYZ	33.5715, 32.7721, 26.7465
YIQ	156.1460, 23.0160, 1.3840

Conversions

Conversions Part 2

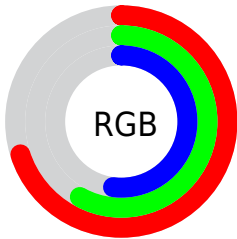
Format	Color
RYB	179, 158, 133
Decimal	11769221
CIELab	63.98, 8.71, 12.63
CIElCh	64, 15.348, 55.401
Yxy	32.7721, 0.3606, 0.3520
Android (android.graphics.Color)	4289959301 (0xFFB39585)
YUV	156.1460, -11.4110, 20.0430
Hunter-Lab	57.2469, 4.4962, 12.3718

Details

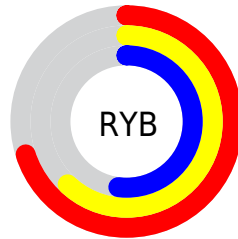
The XYZ color **33.5715, 32.7721, 26.7465** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.9063, 34.4345, 47.6656**, and the grayscale version is **31.7080, 33.3593, 36.3283**.

A 20% lighter version of the original color is **64.4798, 63.9192, 55.3936**, and **14.5332, 13.7955, 10.0804** is the 20% darker color. If you saturate the color by 10%, you get **30.6838, 28.8098, 20.1938**, and if you desaturate by 10%, it is **36.8569, 37.1919, 34.4723**.

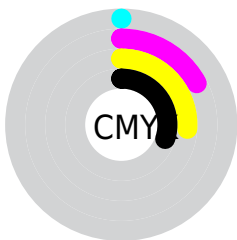
Distribution



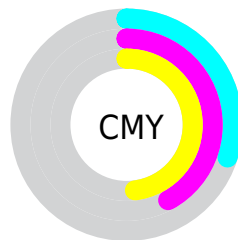
- Red (70%)
- Green (58%)
- Blue (52%)



- Red (70%)
- Yellow (62%)
- Blue (52%)



- Cyan (0%)
- Magenta (17%)
- Yellow (26%)
- Black (30%)





- Cyan (30%)
- Magenta (42%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5715, 32.7721, 26.7465 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 33.5715, 32.7721, 26.7465 by changing the saturation by 10% instead.


 33.5715, 32.7721,
26.7465


 33.5715, 32.7721,
26.7465


309.8368,
314.6216, 300.1489


 22.7259, 21.9519,
17.1522


 64.6155, 64.0196,
55.4756

 14.5109, 13.8216,
10.1799


 85.5446, 85.2156,
75.4474

 8.5609, 7.9967,
5.4113


 110.5657,
110.6391, 99.7156

 4.5107, 4.0928,
2.4276

140.0439,
140.6744, 128.6985

 1.9949, 1.7256,
0.8014

174.3448,
175.7059, 162.8147

 0.6311, 0.4402,
0.0000

213.8337,

 0.0000, 0.0000,

216.1180, 202.4828

0.0000

258.8759,
262.2951, 248.1214

■ 33.5715, 32.7721,
26.7465

■ 33.5715, 32.7721,
26.7465

■ 30.6838, 28.8098,
20.1938

■ 36.8569, 37.1919,
34.4723

■ 28.1750, 25.2854,
14.7541

■ 40.5524, 42.0791,
43.4231

■ 26.0286, 22.1844,
10.3649

■ 44.6732, 47.4489,
53.6502

■ 24.2260, 19.4898,
6.9568

■ 49.2329, 53.3144,
65.2014

■ 22.7464, 17.1831,
4.4518

■ 54.2444, 59.6882,
78.1220

■ 21.5663, 15.2442,
2.7598

■ 59.7201, 66.5824,
92.4550

■ 20.6576, 13.6504,
1.7672

■ 65.1357, 73.7942,
105.4184

■ 20.3281, 13.0591,
1.4492

■ 68.5070, 80.5368,
106.5422

■ 72.1002, 87.7232,
107.7399

Harmonies

Analogous

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



35.0603, 32.7721, 30.8123



33.5715, 32.7721, 26.7465



31.4837, 32.7721, 25.0755

Triad

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



33.5715, 32.7721, 26.7465



27.1832, 32.7721, 34.7365



32.9678, 32.7721, 47.5649

Complementary

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



33.5715, 32.7721, 26.7465



30.9063, 34.4345, 47.6656

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.



30.8165, 32.7721, 48.9264



33.5715, 32.7721, 26.7465



27.5398, 32.7721, 41.0422

Square

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



33.5715, 32.7721, 26.7465



27.8482, 32.7721, 29.3362



28.8457, 32.7721, 46.4172



34.7006, 32.7721, 42.8855

Rectangle

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



33.5715, 32.7721, 26.7465



30.0570, 32.7721, 25.3846



28.8457, 32.7721, 46.4172



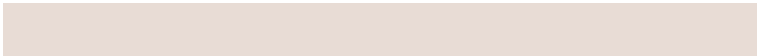
32.2669, 32.7721, 48.4472

Sweetspot

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



33.5724, 32.7736, 26.7472



70.9456, 73.1503, 73.6549



33.6490, 29.0274, 38.7939



15.4940, 15.9111, 15.7732



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



33.5724, 32.7736, 26.7472



57.0287, 54.4635, 40.8170



37.4502, 40.5293, 28.0398



8.7301, 8.9728, 8.9243



14.4205, 9.3396, 1.0427



0.5096, 0.4057, 0.0514

Inverse Universe

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



30.9063, 34.4345, 47.6656



51.4111, 57.9512, 84.8572



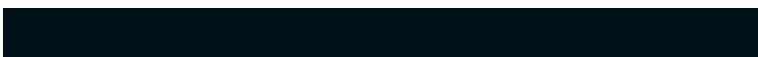
27.2857, 27.1932, 46.4587



8.4888, 9.1239, 10.8200



10.2849, 11.3701, 31.7896



0.3756, 0.4618, 1.0176

Previews

White Background



This preview shows how the XYZ color 33.5715, 32.7721, 26.7465 looks on a white background.

Color Contrast Check

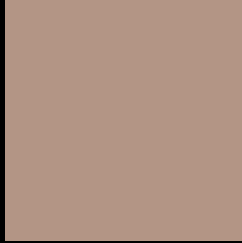
Large Text (above 18pt) WCAG AA × Fail

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 33.5715, 32.7721, 26.7465 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 33.5715, 32.7721, 26.7465

Background



This preview shows how black text looks on a background with the XYZ color 33.5715, 32.7721, 26.7465.



This preview shows how white text looks on a background with the XYZ color 33.5715, 32.7721,

26.7465.

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

33.5715, 32.7721, 26.7465

Protanopia

31.0656, 32.9016, 28.0059

Deuteranopia

33.3412, 32.6533, 26.7358



Tritanopia

35.6561, 32.9372, 36.3765

Trichromacy



Original Color

33.5715, 32.7721, 26.7465

Protanomaly

31.9129, 32.8566, 27.5816

Deuteranomaly

33.3412, 32.6533, 26.7358

Tritanomaly

34.8351, 32.8293, 32.5177

Monochromacy



Original Color

33.5715, 32.7721, 26.7465

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.0464, 32.8131, 32.6615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5715, 32.7721, 26.7465 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(179, 149, 133)` looks like.

```
.text, #text, p{  
    color:rgb(179, 149, 133)  
}
```

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(179, 149, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 149, 133) }
```

Border

The CSS property to change the border of an element to XYZ 33.5715, 32.7721, 26.7465 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(179, 149, 133) }
```


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

```
.border{ border-color:rgb(179, 149, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 149, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 149, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 149, 133);  
box-shadow:4px 4px 4px 4px rgb(179, 149,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5715, 32.7721, 26.7465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 149, 133) }
```

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

```
.background{ background-color: rgb(179,  
149, 133) }
```

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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