

Converting Colors

XYZ(32.5130, 35.0989, 26.0376)

Have a look what the booklet for
XYZ(32.5130, 35.0989, 26.0376)
contains.

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Color

**XYZ(32.7105, 35.3169,
26.2119)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A182
RGB	167, 161, 130
RGB Percent	65%, 63%, 51%
CMY	0.3451, 0.3686, 0.4902
CMYK	0.00, 0.04, 0.22, 0.35
HSL	50°, 17%, 58%
HSV	50°, 22%, 65%
XYZ	32.7105, 35.3169, 26.2119
YIQ	159.2600, 13.5270, -8.3690

Conversions

Conversions Part 2

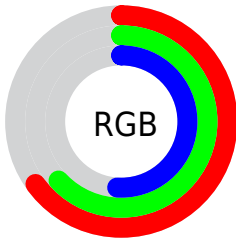
Format	Color
RYB	137, 167, 130
Decimal	10985858
CIELab	65.99, -3.03, 16.95
CIELCh	66, 17.223, 100.147
Yxy	35.3169, 0.3471, 0.3748
Android (android.graphics.Color)	4289175938 (0xFFA7A182)
YUV	159.2600, -14.4252, 6.7880
Hunter-Lab	59.4280, -5.7487, 15.4486

Details

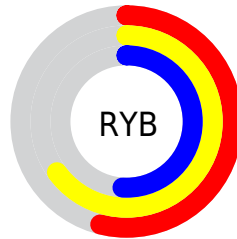
The XYZ color **32.7105, 35.3169, 26.2119** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.9851, 25.1437, 40.0959**, and the grayscale version is **33.1340, 34.8596, 37.9621**.

A 20% lighter version of the original color is **63.2273, 68.0602, 54.6042**, and **14.1314, 15.3908, 10.0105** is the 20% darker color. If you saturate the color by 10%, you get **31.2118, 33.9700, 20.6237**, and if you desaturate by 10%, it is **34.4033, 36.7603, 32.7633**.

Distribution



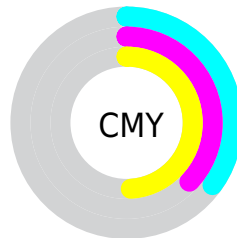
- Red (65%)
- Green (63%)
- Blue (51%)



- Red (54%)
- Yellow (65%)
- Blue (51%)



- Cyan (0%)
- Magenta (4%)
- Yellow (22%)
- Black (35%)



- Cyan (35%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7105, 35.3169, 26.2119 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 32.7105, 35.3169, 26.2119 by changing the saturation by 10% instead.

■ 32.7105, 35.3169,
26.2119

■ 32.7105, 35.3169,
26.2119

306.0313,
325.9649, 297.4592

■ 22.0629, 23.9071,
16.7550

■ 63.2810, 67.9764,
54.6049

■ 14.0200, 15.2647,
9.8999

■ 83.9346, 89.9949,
74.3781

■ 8.2164, 9.0054,
5.2279

■ 108.6543,
116.3184, 98.4271

■ 4.2867, 4.7447,
2.3205

137.8055,
147.3313, 127.1706

■ 1.8656, 2.0983,
0.7427

171.7534,
183.4180, 161.0270

■ 0.5567, 0.6636,
0.0000

210.8634,

■ 0.0000, 0.0000,

224.9629, 200.4149

0.0000

255.5009,
272.3504, 245.7528

■ 32.7105, 35.3169,
26.2119

■ 32.7105, 35.3169,
26.2119

■ 31.2118, 33.9700,
20.6237

■ 34.4033, 36.7603,
32.7633

■ 29.8955, 32.7111,
15.9502

■ 36.2956, 38.2987,
40.3186

■ 28.7531, 31.5379,
12.1423

■ 38.3961, 39.9370,
48.9192

■ 27.7741, 30.4462,
9.1450

■ 40.7121, 41.6782,
58.6032

■ 26.9467, 29.4311,
6.8974

■ 43.2505, 43.5252,
69.4068

■ 26.2578, 28.4872,
5.3297

■ 46.0181, 45.4807,
81.3648

■ 25.6914, 27.6082,
4.3590

■ 49.0210, 47.5473,
94.5101

■ 25.3050, 26.9527,
3.8687

■ 50.8493, 49.1611,
101.4167

■ 51.4116, 50.2857,
101.6042

Harmonies

Analogous

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



35.2621, 35.3169, 26.6915



32.7105, 35.3169, 26.2119



30.5019, 35.3169, 28.6801

Triad

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



32.7105, 35.3169, 26.2119



29.9543, 35.3169, 48.2464



38.3983, 35.3169, 43.4276

Complementary

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



32.7105, 35.3169, 26.2119



24.9851, 25.1437, 40.0959

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.



36.8322, 35.3169, 50.2292



32.7105, 35.3169, 26.2119



31.9284, 35.3169, 53.2463

Square

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



32.7105, 35.3169, 26.2119



28.9649, 35.3169, 40.9836



34.4397, 35.3169, 54.0147



38.6339, 35.3169, 36.0308

Rectangle

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



32.7105, 35.3169, 26.2119



29.4887, 35.3169, 31.8735



34.4397, 35.3169, 54.0147



38.0064, 35.3169, 45.8832

Sweetspot

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



32.7114, 35.3185, 26.2126



63.2720, 67.1983, 65.2510



28.3752, 25.9635, 26.8711



14.1166, 15.0031, 14.4325



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



32.7114, 35.3185, 26.2126



57.1093, 61.9442, 41.3970



31.3020, 36.1851, 26.4542



8.0418, 8.5637, 8.0184



19.3935, 20.6843, 2.9703



0.4986, 0.5568, 0.0812

Inverse Universe

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



24.9851, 25.1437, 40.0959



40.5868, 40.1881, 71.0932



26.1707, 24.5361, 39.9161



7.2264, 7.4897, 9.4831



5.6634, 2.7870, 28.2149



0.1657, 0.1237, 0.6958

Previews

White Background



This preview shows how the XYZ color 32.7105, 35.3169, 26.2119 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 32.7105, 35.3169, 26.2119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

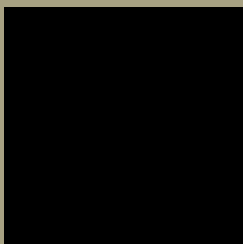
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

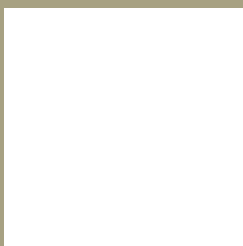
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7105, 35.3169, 26.2119

Background



This preview shows how black text looks on a background with the XYZ color 32.7105, 35.3169, 26.2119.



This preview shows how white text looks on a background with the XYZ color 32.7105, 35.3169,

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

32.7105, 35.3169, 26.2119

Protanopia

33.1776, 35.2994, 26.1839

Deuteranopia

35.9020, 35.1890, 26.3726



Tritanopia

35.9696, 35.3747, 41.9780

Trichromacy



Original Color

32.7105, 35.3169, 26.2119

Protanomaly

32.9623, 35.1883, 26.1738

Deuteranomaly

34.7441, 35.3363, 26.4621

Tritanomaly

34.6372, 35.3329, 35.5662

Monochromacy



Original Color

32.7105, 35.3169, 26.2119

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.8164, 34.9611, 33.0355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7105, 35.3169, 26.2119 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(167, 161, 130)` looks like.

```
.text, #text, p{  
    color:rgb(167, 161, 130)  
}
```

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(167, 161, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 161, 130) }
```

Border

The CSS property to change the border of an element to XYZ 32.7105, 35.3169, 26.2119 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(167, 161, 130) }
```


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

```
.border{ border-color:rgb(167, 161, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 161, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 161, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 161, 130);  
box-shadow:4px 4px 4px 4px rgb(167, 161,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7105, 35.3169, 26.2119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 161, 130) }
```

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

```
.background{ background-color: rgb(167,  
161, 130) }
```

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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