

Converting Colors

XYZ(31.9524, 33.1038, 26.0371)

Have a look what the booklet for
XYZ(31.9524, 33.1038, 26.0371)
contains.

XYZ(32.0145, 33.1849, 26.1907)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.0145, 33.1849,
26.1907)**

Conversions

Conversions Part 1

Format	Color
Hex	A99A83
RGB	169, 154, 131
RGB Percent	66%, 60%, 51%
CMY	0.3373, 0.3961, 0.4863
CMYK	0.00, 0.09, 0.22, 0.34
HSL	36°, 18%, 59%
HSV	36°, 22%, 66%
XYZ	32.0145, 33.1849, 26.1907
YIQ	155.8630, 16.3230, -3.9730

Conversions

Conversions Part 2

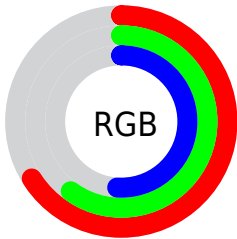
Format	Color
RYB	156, 169, 131
Decimal	11115139
CIELab	64.31, 1.72, 14.08
CIElCh	64, 14.189, 83.026
Yxy	33.1849, 0.3503, 0.3631
Android (android.graphics.Color)	4289305219 (0xFFA99A83)
YUV	155.8630, -12.2575, 11.5211
Hunter-Lab	57.6063, -1.6104, 13.3683

Details

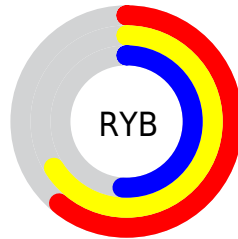
The XYZ color **32.0145, 33.1849, 26.1907** is a light color, and the websafe version is hex **999999**. A complement of this color would be **26.8002, 28.2469, 41.5759**, and the grayscale version is **31.5874, 33.2324, 36.1901**.

A 20% lighter version of the original color is **62.2589, 64.5800, 54.5312**, and **13.5757, 14.0227, 9.9738** is the 20% darker color. If you saturate the color by 10%, you get **29.8911, 30.6240, 20.2854**, and if you desaturate by 10%, it is **34.3877, 35.9459, 33.1019**.

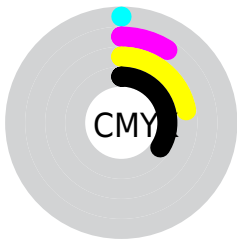
Distribution



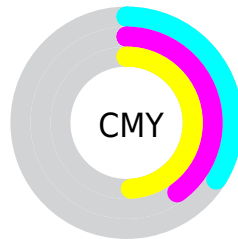
- Red (66%)
- Green (60%)
- Blue (51%)



- Red (61%)
- Yellow (66%)
- Blue (51%)



- Cyan (0%)
- Magenta (9%)
- Yellow (22%)
- Black (34%)



- Cyan (34%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0145, 33.1849, 26.1907 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 32.0145, 33.1849, 26.1907 by changing the saturation by 10% instead.

■ 32.0145, 33.1849,
26.1907

■ 32.0145, 33.1849,
26.1907

302.9294,
316.4821, 297.3522

■ 21.5282, 22.2681,
16.7393

■ 62.1989, 64.6641,
54.5703

■ 13.6253, 14.0540,
9.8888

■ 82.6276, 85.9953,
74.3356

■ 7.9405, 8.1583,
5.2207

■ 107.1012,
111.5668, 98.3759

■ 4.1084, 4.1964,
2.3163

135.9850,
141.7629, 127.1098

■ 1.7636, 1.7840,
0.7403

169.6444,
176.9682, 160.9559

■ 0.4956, 0.4772,
0.0000

208.4447,

■ 0.0000, 0.0000,

217.5668, 200.3326

0.0000

252.7512,
263.9433, 245.6585

■ 32.0145, 33.1849,
26.1907

■ 32.0145, 33.1849,
26.1907

■ 29.8911, 30.6240,
20.2854

■ 34.3877, 35.9459,
33.1019

■ 28.0049, 28.2531,
15.3359

■ 37.0174, 38.9078,
41.0615

■ 26.3459, 26.0678,
11.2909

■ 39.9134, 42.0771,
50.1123

■ 24.9023, 24.0616,
8.0935

■ 43.0841, 45.4587,
60.2941

■ 23.6611, 22.2278,
5.6802

■ 46.5375, 49.0572,
71.6445

■ 22.6074, 20.5586,
3.9784

■ 50.2813, 52.8770,
84.1994

■ 21.7239, 19.0452,
2.9019

■ 54.3228, 56.9226,
97.9933

■ 21.1437, 17.9980,
2.3596

■ 56.8124, 60.4553,
103.2825

■ 58.4663, 63.7631,
103.8337

Harmonies

Analogous

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



33.9319, 33.1849, 27.9654



32.0145, 33.1849, 26.1907



30.0484, 33.1849, 26.8439

Triad

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



32.0145, 33.1849, 26.1907



28.1048, 33.1849, 40.6539



34.7424, 33.1849, 43.2336

Complementary

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



32.0145, 33.1849, 26.1907



26.8002, 28.2469, 41.5759

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.



33.0828, 33.1849, 47.3497



32.0145, 33.1849, 26.1907



29.2656, 33.1849, 45.7530

Square

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



32.0145, 33.1849, 26.1907



27.8460, 33.1849, 34.8008



31.0727, 33.1849, 48.3176



35.5498, 33.1849, 37.4982

Rectangle

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



32.0145, 33.1849, 26.1907



28.9682, 33.1849, 28.6057



31.0727, 33.1849, 48.3176



34.2624, 33.1849, 44.8763

Sweetspot

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



32.0154, 33.1864, 26.1914



64.0519, 67.1741, 66.6847



29.6827, 26.7496, 30.8749



13.9034, 14.5767, 14.3614



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.



32.0154, 33.1864, 26.1914



55.3815, 57.0974, 41.4005



33.8436, 38.0356, 27.0310



7.8947, 8.2694, 7.9693



15.8115, 13.5203, 1.7763



0.4324, 0.4244, 0.0591

Inverse Universe

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



26.8002, 28.2469, 41.5759



44.3685, 46.6685, 73.8945



25.2376, 24.2319, 40.8833



7.3656, 7.7681, 9.5295



6.8690, 5.1983, 28.6168



0.2172, 0.2267, 0.7130

Previews

White Background



This preview shows how the XYZ color 32.0145, 33.1849, 26.1907 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 32.0145, 33.1849, 26.1907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

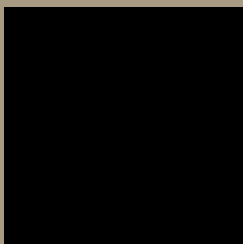
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.0145, 33.1849, 26.1907

Background



This preview shows how black text looks on a background with the XYZ color 32.0145, 33.1849, 26.1907.



This preview shows how white text looks on a background with the XYZ color 32.0145, 33.1849,

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

32.0145, 33.1849, 26.1907

Protanopia

31.3632, 33.3354, 26.6112

Deuteranopia

33.8936, 33.1819, 26.4482



Tritanopia

34.5729, 33.2701, 38.3178

Trichromacy



Original Color

32.0145, 33.1849, 26.1907

Protanomaly

31.6121, 33.2156, 26.5749

Deuteranomaly

33.1360, 33.0293, 26.4586

Tritanomaly

33.5849, 33.1059, 33.4741

Monochromacy



Original Color

32.0145, 33.1849, 26.1907

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.6857, 33.1263, 32.3278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0145, 33.1849, 26.1907 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(169, 154, 131)` looks like.

```
.text, #text, p{  
    color:rgb(169, 154, 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(169, 154, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 154, 131) }
```

Border

The CSS property to change the border of an element to XYZ 32.0145, 33.1849, 26.1907 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(169, 154, 131) }
```


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

```
.border{ border-color:rgb(169, 154, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 154, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 154, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 154, 131);  
box-shadow:4px 4px 4px 4px rgb(169, 154,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0145, 33.1849, 26.1907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 154, 131) }
```

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

```
.background{ background-color: rgb(169,  
154, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor