

Converting Colors

XYZ(32.9737, 33.8527, 17.2082)

Have a look what the booklet for
XYZ(32.9737, 33.8527, 17.2082)
contains.

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Color

**XYZ(32.9606, 33.8745,
17.1131)**

Conversions

Conversions Part 1

Format	Color
Hex	B59A65
RGB	181, 154, 101
RGB Percent	71%, 60%, 40%
CMY	0.2902, 0.3961, 0.6039
CMYK	0.00, 0.15, 0.44, 0.29
HSL	40°, 35%, 55%
HSV	40°, 44%, 71%
XYZ	32.9606, 33.8745, 17.1131
YIQ	156.0310, 33.1050, -10.7590

Conversions

Conversions Part 2

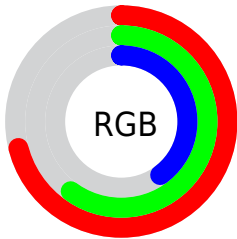
Format	Color
RYB	142, 181, 101
Decimal	11901541
CIELab	64.86, 2.74, 31.49
CIELCh	65, 31.605, 85.035
Yxy	33.8745, 0.3926, 0.4035
Android (android.graphics.Color)	4290091621 (0xFFB59A65)
YUV	156.0310, -27.1303, 21.8978
Hunter-Lab	58.2018, -0.7658, 23.3082

Details

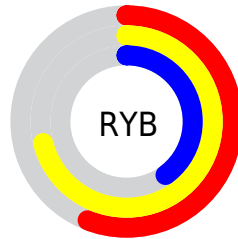
The XYZ color **32.9606, 33.8745, 17.1131** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.4262, 21.5405, 46.7445**, and the grayscale version is **31.7214, 33.3733, 36.3436**.

A 20% lighter version of the original color is **63.5655, 65.5888, 39.4466**, and **14.0970, 14.3932, 5.4033** is the 20% darker color. If you saturate the color by 10%, you get **31.1873, 31.5942, 12.6182**, and if you desaturate by 10%, it is **34.9822, 36.3387, 22.6550**.

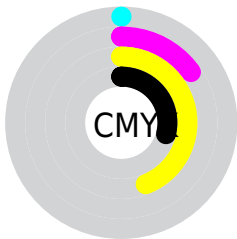
Distribution



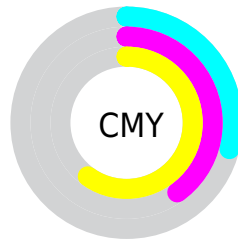
- Red (71%)
- Green (60%)
- Blue (40%)



- Red (56%)
- Yellow (71%)
- Blue (40%)



- Cyan (0%)
- Magenta (15%)
- Yellow (44%)
- Black (29%)





- Cyan (29%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9606, 33.8745, 17.1131 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 32.9606, 33.8745, 17.1131 by changing the saturation by 10% instead.


 32.9606, 33.8745,
17.1131


 32.9606, 33.8745,
17.1131


307.1403,
319.5721, 247.8893


 22.2554, 22.7972,
10.1524


 63.6691, 65.7385,
39.3134

 14.1623, 14.4438,
5.3932


 84.4031, 87.2939,
55.3901

 8.3161, 8.4300,
2.4170


 109.2107,
113.1109, 75.3425

 4.3514, 4.3713,
0.7957

 138.4572,
143.5737, 99.5892

 1.9028, 1.8834,
0.0000

172.5081,
179.0669, 128.5486

 0.5784, 0.5383,
0.0000

211.7287,

 0.0000, 0.0000,

219.9747, 162.6395

0.0000

256.4843,
266.6817, 202.2802

■ 32.9606, 33.8745,
17.1131

■ 32.9606, 33.8745,
17.1131

■ 31.1873, 31.5942,
12.6182

■ 34.9822, 36.3387,
22.6550

■ 29.6461, 29.4864,
9.0999

■ 37.2621, 38.9883,
29.3043

■ 28.3224, 27.5452,
6.4819

■ 39.8128, 41.8305,
37.1190

■ 27.1989, 25.7625,
4.6759

■ 42.6450, 44.8709,
46.1525

■ 26.2545, 24.1285,
3.5752

■ 45.7689, 48.1147,
56.4548

■ 25.7631, 23.2379,
3.1275

■ 49.1942, 51.5668,
68.0733

■ 52.9298, 55.2319,
81.0528

■ 56.9847, 59.1145,
95.4359

■ 59.9003, 62.6323,
103.5399

Harmonies

Analogous

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



37.4812, 33.8745, 19.9099



32.9606, 33.8745, 17.1131



28.6308, 33.8745, 18.5052

Triad

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



32.9606, 33.8745, 17.1131



24.8953, 33.8745, 48.5491



39.9208, 33.8745, 53.2062

Complementary

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



32.9606, 33.8745, 17.1131



21.4262, 21.5405, 46.7445

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.



36.0471, 33.8745, 64.5975



32.9606, 33.8745, 17.1131



27.4339, 33.8745, 61.4946

Square

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



32.9606, 33.8745, 17.1131



24.2357, 33.8745, 34.7552



31.4447, 33.8745, 67.9410



41.7341, 33.8745, 39.0971

Rectangle

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



32.9606, 33.8745, 17.1131



26.3889, 33.8745, 21.8459



31.4447, 33.8745, 67.9410



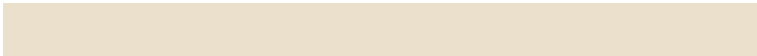
38.7997, 33.8745, 57.6003

Sweetspot

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



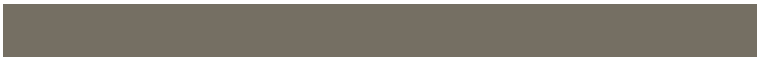
32.9614, 33.8761, 17.1138



71.7790, 75.4360, 67.9683



27.6724, 20.7164, 23.3094



15.2871, 16.0563, 13.9809



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.



32.9614, 33.8761, 17.1138



55.9488, 56.7077, 22.8236



35.2351, 42.4224, 18.6435



8.9507, 9.4139, 8.9978



17.8266, 16.1518, 2.1780



0.6122, 0.6107, 0.0856

Inverse Universe

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



21.4262, 21.5405, 46.7445



32.6646, 31.8347, 82.7177



19.8045, 16.1546, 45.7904



8.2686, 8.6833, 10.7466



6.9613, 4.7229, 30.6817



0.2743, 0.2592, 0.9838

Previews

White Background



This preview shows how the XYZ color 32.9606, 33.8745, 17.1131 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 32.9606, 33.8745, 17.1131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

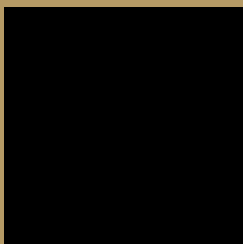
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

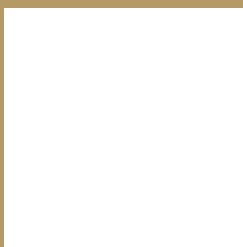
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9606, 33.8745, 17.1131

Background



This preview shows how black text looks on a background with the XYZ color 32.9606, 33.8745, 17.1131.

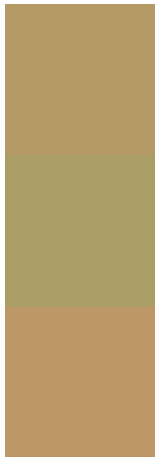


This preview shows how white text looks on a background with the XYZ color 32.9606, 33.8745,

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

32.9606, 33.8745, 17.1131

Protanopia

31.2498, 33.7312, 17.4341

Deuteranopia

34.7001, 34.0397, 17.3118



Tritanopia

37.0988, 33.9009, 36.9360

Trichromacy



Original Color

32.9606, 33.8745, 17.1131

Protanomaly

31.9659, 33.8502, 17.4193

Deuteranomaly

34.1200, 33.9806, 17.3310

Tritanomaly

35.4293, 33.9331, 28.3493

Monochromacy



Original Color

32.9606, 33.8745, 17.1131

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.6823, 33.2196, 28.0347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9606, 33.8745, 17.1131 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(181, 154, 101)` looks like.

```
.text, #text, p{  
    color:rgb(181, 154, 101)  
}
```

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(181, 154, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 154, 101) }
```

Border

The CSS property to change the border of an element to XYZ 32.9606, 33.8745, 17.1131 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(181, 154, 101) }
```


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

```
.border{ border-color:rgb(181, 154, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 154, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 154, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 154, 101);  
box-shadow:4px 4px 4px 4px rgb(181, 154,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9606, 33.8745, 17.1131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 154, 101) }
```

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

```
.background{ background-color: rgb(181,  
154, 101) }
```

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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