

Converting Colors

XYZ(32.7147, 34.0847, 32.6501)

Have a look what the booklet for
XYZ(32.7147, 34.0847, 32.6501)
contains.

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Color

**XYZ(32.6333, 34.1130,
32.4683)**

Conversions

Conversions Part 1

Format	Color
Hex	A49D93
RGB	164, 157, 147
RGB Percent	64%, 62%, 58%
CMY	0.3569, 0.3843, 0.4235
CMYK	0.00, 0.04, 0.10, 0.36
HSL	35°, 9%, 61%
HSV	35°, 10%, 64%
XYZ	32.6333, 34.1130, 32.4683
YIQ	157.9530, 7.3820, -1.6260

Conversions

Conversions Part 2

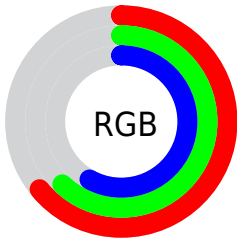
Format	Color
R_{YB}	159, 164, 147
Decimal	10788243
CIE Lab	65.05, 0.75, 6.13
CIE LCh	65, 6.174, 83.000
Yxy	34.1130, 0.3289, 0.3438
Android (android.graphics.Color)	4288978323 (0xFFA49D93)
YUV	157.9530, -5.3998, 5.3032
Hunter-Lab	58.4063, -2.4780, 7.9249

Details

The XYZ color **32.6333, 34.1130, 32.4683** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2891, 31.9942, 39.7015**, and the grayscale version is **32.5002, 34.1927, 37.2359**.

A 20% lighter version of the original color is **63.2995, 66.3641, 64.7316**, and **13.9474, 14.5973, 13.1488** is the 20% darker color. If you saturate the color by 10%, you get **30.3266, 31.4142, 25.7964**, and if you desaturate by 10%, it is **35.1885, 37.0144, 40.1290**.

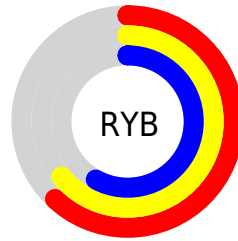
Distribution



Red (64%)

Green (62%)

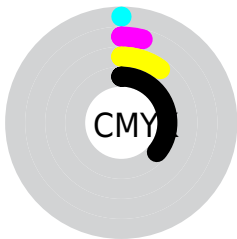
Blue (58%)



Red (62%)

Yellow (64%)

Blue (58%)

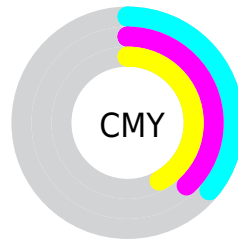


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (36%)



Cyan (36%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6333, 34.1130, 32.4683 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 32.6333, 34.1130, 32.4683 by changing the saturation by 10% instead.

■ 32.6333, 34.1130,
32.4683

■ 32.6333, 34.1130,
32.4683

305.6884,
320.6356, 327.8052

■ 22.0036, 22.9804,
21.4517

■ 63.1611, 66.1094,
64.6509

■ 13.9761, 14.5791,
13.2601

■ 83.7899, 87.7419,
86.6540

■ 8.1857, 8.5245,
7.4751

108.4824,
113.6433, 113.1563

■ 4.2668, 4.4324,
3.6780

137.6040,
144.1978, 144.5764

■ 1.8541, 1.9182,
1.4504

171.5201,
179.7899, 181.3328

■ 0.5500, 0.5593,
0.1806

210.5959,

■ 0.0000, 0.0000,

220.8040, 223.8440

0.0000

255.1969,
267.6244, 272.5287

■ 32.6333, 34.1130,
32.4683

■ 32.6333, 34.1130,
32.4683

■ 30.3266, 31.4142,
25.7964

■ 35.1885, 37.0144,
40.1290

■ 28.2570, 28.9085,
20.0702

■ 37.9975, 40.1188,
48.8151

■ 26.4158, 26.5919,
15.2465

■ 41.0693, 43.4324,
58.5636

■ 24.7933, 24.4587,
11.2779

■ 44.4113, 46.9596,
69.4094

■ 23.3785, 22.5029,
8.1125

■ 48.0307, 50.7049,
81.3856

■ 22.1594, 20.7178,
5.6928

■ 51.9342, 54.6724,
94.5238

■ 21.1227, 19.0963,
3.9535

■ 55.0138, 58.4202,
102.9844

■ 20.2525, 17.6302,
2.8180

■ 56.6559, 61.7044,
103.5318

■ 19.5385, 16.3495,
2.1260

■ 58.3684, 65.1294,
104.1026

Harmonies

Analogous

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



33.4689, 34.1130, 33.3488



32.6333, 34.1130, 32.4683



31.7564, 34.1130, 32.7936

Triad

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



32.6333, 34.1130, 32.4683



30.8667, 34.1130, 39.1002



33.8156, 34.1130, 40.1853

Complementary

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



32.6333, 34.1130, 32.4683



30.2891, 31.9942, 39.7015

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.



33.0997, 34.1130, 41.8614



32.6333, 34.1130, 32.4683



31.3999, 34.1130, 41.2151

Square

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



32.6333, 34.1130, 32.4683



30.7471, 34.1130, 36.5466



32.2144, 34.1130, 42.2467



34.1596, 34.1130, 37.7464

Rectangle

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



32.6333, 34.1130, 32.4683



31.2652, 34.1130, 33.6581



32.2144, 34.1130, 42.2467



33.6099, 34.1130, 40.8611

Sweetspot

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



32.6342, 34.1145, 32.4690



62.5797, 65.7340, 68.9185



31.5837, 31.0964, 34.9463



13.6003, 14.2795, 14.8230



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.6342, 34.1145, 32.4690



58.4233, 60.9839, 56.5496



33.5615, 36.4006, 32.8614



7.4038, 7.7460, 7.4850



15.0287, 12.6313, 1.6460



0.3607, 0.3552, 0.0496

Inverse Universe

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



30.2891, 31.9942, 39.7015



53.4655, 56.5015, 71.8403



29.4233, 29.8831, 39.3397



6.9287, 7.3165, 8.9501



6.7447, 5.2687, 27.5913



0.1877, 0.2027, 0.5951

Previews

White Background



This preview shows how the XYZ color 32.6333, 34.1130, 32.4683 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 32.6333, 34.1130, 32.4683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

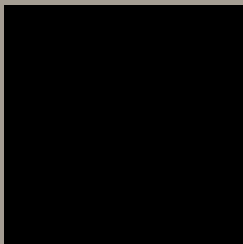
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

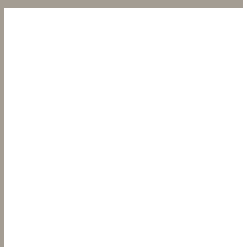
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6333, 34.1130, 32.4683

Background



This preview shows how black text looks on a background with the XYZ color 32.6333, 34.1130, 32.4683.

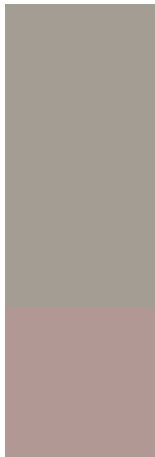


This preview shows how white text looks on a background with the XYZ color 32.6333, 34.1130,

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

32.6333, 34.1130, 32.4683

Protanopia

32.4277, 34.0071, 32.4587

Deuteranopia

34.7050, 33.9417, 32.7392



Tritanopia

34.3749, 34.0799, 40.8427

Trichromacy



Original Color

32.6333, 34.1130, 32.4683

Protanomaly

32.4277, 34.0071, 32.4587

Deuteranomaly

33.9142, 34.0200, 32.7960

Tritanomaly

33.7052, 34.0529, 37.5973

Monochromacy



Original Color

32.6333, 34.1130, 32.4683

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.5568, 34.2604, 35.4688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6333, 34.1130, 32.4683 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(164, 157, 147)` looks like.

```
.text, #text, p{  
    color:rgb(164, 157, 147)  
}
```

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(164, 157, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 157, 147) }
```

Border

The CSS property to change the border of an element to XYZ 32.6333, 34.1130, 32.4683 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(164, 157, 147) }
```


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

```
.border{ border-color:rgb(164, 157, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 157, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 157, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 157, 147);  
box-shadow:4px 4px 4px 4px rgb(164, 157,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6333, 34.1130, 32.4683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 157, 147) }
```

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

```
.background{ background-color: rgb(164,  
157, 147) }
```

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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