

Converting Colors

XYZ(33.4213, 34.1518, 19.1961)

Have a look what the booklet for
XYZ(33.4213, 34.1518, 19.1961)
contains.

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Color

**XYZ(33.3720, 34.0391,
19.2793)**

Conversions

Conversions Part 1

Format	Color
Hex	B59A6D
RGB	181, 154, 109
RGB Percent	71%, 60%, 43%
CMY	0.2902, 0.3961, 0.5725
CMYK	0.00, 0.15, 0.40, 0.29
HSL	38°, 33%, 57%
HSV	38°, 40%, 71%
XYZ	33.3720, 34.0391, 19.2793
YIQ	156.9430, 30.5370, -8.2710

Conversions

Conversions Part 2

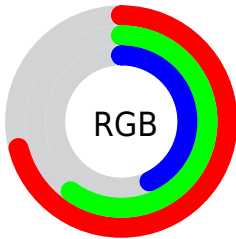
Format	Color
R_{YB}	152, 181, 109
Decimal	11901549
CIE _{Lab}	64.99, 3.63, 27.34
CIE _{LCh}	65, 27.577, 82.443
Yxy	34.0391, 0.3850, 0.3927
Android (android.graphics.Color)	4290091629 (0xFFB59A6D)
YUV	156.9430, -23.6359, 21.0980
Hunter-Lab	58.3430, 0.0010, 21.2479

Details

The XYZ color **33.3720, 34.0391, 19.2793** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.4511, 24.1949, 47.1502**, and the grayscale version is **32.1162, 33.7888, 36.7960**.

A 20% lighter version of the original color is **64.2488, 65.8621, 43.0446**, and **14.4449, 14.5494, 6.4619** is the 20% darker color. If you saturate the color by 10%, you get **31.4078, 31.5128, 14.3025**, and if you desaturate by 10%, it is **35.6019, 36.7755, 25.3353**.

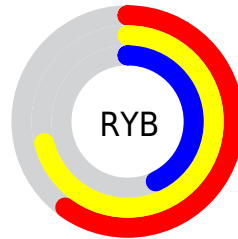
Distribution



Red (71%)

Green (60%)

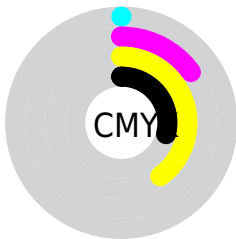
Blue (43%)



Red (60%)

Yellow (71%)

Blue (43%)

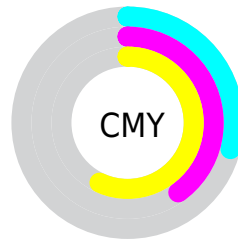


Cyan (0%)

Magenta (15%)

Yellow (40%)

Black (29%)



Cyan (29%)

Magenta (40%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3720, 34.0391, 19.2793 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 33.3720, 34.0391, 19.2793 by changing the saturation by 10% instead.

■ 33.3720, 34.0391,
19.2793

■ 33.3720, 34.0391,
19.2793

308.9581,
320.3064, 260.4603

■ 22.5722, 22.9236,
11.6934

■ 64.3067, 65.9945,
43.0485

■ 14.3969, 14.5371,
6.4153

■ 85.1722, 87.6032,
60.0689

■ 8.4808, 8.4952,
3.0264

■ 110.1238,
113.4784, 81.0712

■ 4.4585, 4.4134,
1.1081

■ 139.5266,
144.0046, 106.4739

■ 1.9646, 1.9074,
0.0000

173.7461,
179.5660, 136.6957

■ 0.6140, 0.5528,
0.0000

213.1476,

■ 0.0000, 0.0000,

220.5472, 172.1549

0.0000

258.0965,
267.3325, 213.2703

■ 33.3720, 34.0391,
19.2793

■ 33.3720, 34.0391,
19.2793

■ 31.4078, 31.5128,
14.3025

■ 35.6019, 36.7755,
25.3353

■ 29.6934, 29.1848,
10.3371

■ 38.1072, 39.7239,
32.5286

■ 28.2147, 27.0491,
7.3109

■ 40.9005, 42.8919,
40.9154

■ 26.9549, 25.0972,
5.1412

■ 43.9923, 46.2855,
50.5477

■ 25.8946, 23.3195,
3.7303

■ 47.3930, 49.9102,
61.4744

■ 24.9954, 21.6988,
2.8824

■ 51.1121, 53.7713,
73.7416

■ 24.9763, 21.6643,
2.8652

■ 55.1588, 57.8740,
87.3934

■ 59.5419, 62.2233,
102.4715

■ 61.4276, 65.6869,
104.0490

Harmonies

Analogous

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



37.2551, 34.0391, 22.2391



33.3720, 34.0391, 19.2793



29.5137, 34.0391, 20.2473

Triad

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



33.3720, 34.0391, 19.2793



25.7717, 34.0391, 46.0929



38.8195, 34.0391, 52.1227

Complementary

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



33.3720, 34.0391, 19.2793



23.4511, 24.1949, 47.1502

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.



35.3692, 34.0391, 61.2865



33.3720, 34.0391, 19.2793



27.9012, 34.0391, 57.3364

Square

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



33.3720, 34.0391, 19.2793



25.3325, 34.0391, 34.2493



31.3552, 34.0391, 63.3684



40.5640, 34.0391, 40.0263

Rectangle

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



33.3720, 34.0391, 19.2793



27.4501, 34.0391, 23.1060



31.3552, 34.0391, 63.3684



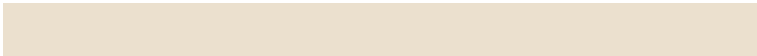
37.8078, 34.0391, 55.7423

Sweetspot

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



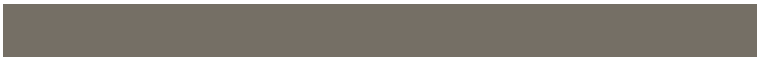
33.3729, 34.0407, 19.2800



71.9918, 75.4075, 69.4390



29.0116, 22.5561, 26.3418



15.4195, 16.1400, 14.5832



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.



33.3729, 34.0407, 19.2800



56.5742, 56.8648, 26.4040



36.4296, 42.9907, 20.8464



8.9240, 9.3604, 8.9889



17.2864, 15.0714, 1.9980



0.5977, 0.5819, 0.0808

Inverse Universe

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



23.4511, 24.1949, 47.1502



36.2763, 36.7395, 83.4741



21.1995, 18.0836, 46.0892



8.2943, 8.7349, 10.7552



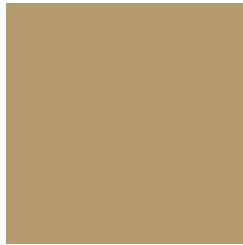
7.2311, 5.2625, 30.7716



0.2847, 0.2799, 0.9873

Previews

White Background



This preview shows how the XYZ color 33.3720, 34.0391, 19.2793 looks on a white background.

Color Contrast Check

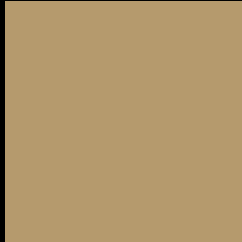
Large Text (above 18pt) WCAG AA × Fail

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 33.3720, 34.0391, 19.2793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

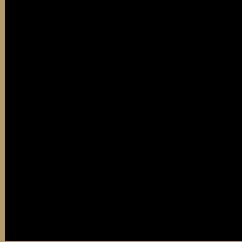
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.3720, 34.0391, 19.2793

Background



This preview shows how black text looks on a background with the XYZ color 33.3720, 34.0391, 19.2793.



This preview shows how white text looks on a background with the XYZ color 33.3720, 34.0391,

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

33.3720, 34.0391, 19.2793

Protanopia

31.6737, 34.1475, 19.9607

Deuteranopia

34.6201, 33.9504, 19.4803



Tritanopia

37.0976, 34.1221, 37.4319

Trichromacy



Original Color

33.3720, 34.0391, 19.2793

Protanomaly

32.3270, 34.2384, 19.6567

Deuteranomaly

34.0503, 33.8965, 19.4999

Tritanomaly

35.4812, 33.9261, 29.8776

Monochromacy



Original Color

33.3720, 34.0391, 19.2793

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.3480, 33.7774, 29.6257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3720, 34.0391, 19.2793 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, 109)` looks like.

```
.text, #text, p{  
    color:rgb(181, 154, 109)  
}
```

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, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 154, 109) }
```

Border

The CSS property to change the border of an element to XYZ 33.3720, 34.0391, 19.2793 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, 109) }
```


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

```
.border{ border-color:rgb(181, 154, 109) }
```

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, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 154, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 154, 109);  
box-shadow:4px 4px 4px 4px rgb(181, 154,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3720, 34.0391, 19.2793 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, 109) }
```

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

```
.background{ background-color: rgb(181,  
154, 109) }
```

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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