

Converting Colors

XYZ(34.3152, 32.6906, 18.9697)

Have a look what the booklet for
XYZ(34.3152, 32.6906, 18.9697)
contains.

XYZ(34.2744, 32.6090, 18.9557)	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(34.2744, 32.6090,
18.9557)**

Conversions

Conversions Part 1

Format	Color
Hex	BE926D
RGB	190, 146, 109
RGB Percent	75%, 57%, 43%
CMY	0.2549, 0.4274, 0.5725
CMYK	0.00, 0.23, 0.43, 0.25
HSL	27°, 38%, 59%
HSV	27°, 43%, 75%
XYZ	34.2744, 32.6090, 18.9557
YIQ	154.9380, 38.1010, -2.1790

Conversions

Conversions Part 2

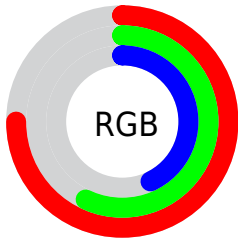
Format	Color
R_{YB}	190, 177, 109
Decimal	12489325
CIE _{Lab}	63.84, 11.74, 25.99
CIE _{LCh}	64, 28.513, 65.692
Yxy	32.6090, 0.3993, 0.3799
Android (android.graphics.Color)	4290679405 (0xFFBE926D)
YUV	154.9380, -22.6474, 30.7494
Hunter-Lab	57.1043, 7.2045, 20.2918

Details

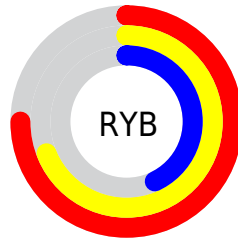
The XYZ color **34.2744, 32.6090, 18.9557** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **26.9918, 29.7503, 53.0350**, and the grayscale version is **31.2142, 32.8397, 35.7625**.

A 20% lighter version of the original color is **65.7987, 63.8382, 42.5723**, and **14.9262, 13.6722, 6.2672** is the 20% darker color. If you saturate the color by 10%, you get **31.8405, 29.2050, 13.6321**, and if you desaturate by 10%, it is **37.0746, 36.3918, 25.4928**.

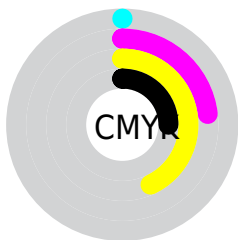
Distribution



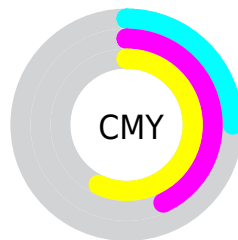
- Red (75%)
- Green (57%)
- Blue (43%)



- Red (75%)
- Yellow (69%)
- Blue (43%)



- Cyan (0%)
- Magenta (23%)
- Yellow (43%)
- Black (25%)





- Cyan (25%)
- Magenta (43%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2744, 32.6090, 18.9557 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 34.2744, 32.6090, 18.9557 by changing the saturation by 10% instead.


 34.2744, 32.6090,
18.9557


 34.2744, 32.6090,
18.9557


312.9183,
313.8842, 258.6187


 23.2684, 21.8271,
11.4618

 65.7016, 63.7646,
42.4949


 14.9136, 13.7299,
6.2603


 86.8535, 84.9071,
59.3773

 8.8447, 7.9330,
2.9326


 112.1181,
110.2718, 80.2263

 4.6963, 4.0521,
1.0603

 141.8607,
140.2433, 105.4604

 2.1031, 1.7028,
0.0000

176.4466,
175.2059, 135.4981

 0.6909, 0.4254,
0.0000

216.2413,

 0.0000, 0.0000,

215.5440, 170.7581

0.0000

261.6101,
261.6419, 211.6587

■ 34.2744, 32.6090,
18.9557

■ 34.2744, 32.6090,
18.9557

■ 31.8405, 29.2050,
13.6321

■ 37.0746, 36.3918,
25.4928

■ 29.7525, 26.1619,
9.4431

■ 40.2555, 40.5613,
33.3117

■ 27.9909, 23.4668,
6.3032


■ 43.8335, 45.1308,
42.4779


■ 26.5333, 21.1041,
4.1140


■ 47.8231, 50.1117,
53.0517


■ 25.3533, 19.0564,
2.7575


■ 52.2383, 55.5146,
65.0897

 24.6272, 17.7311,
2.1245

 57.0923, 61.3501,
78.6457

 62.3974, 67.6280,
93.7703

 67.1843, 73.9654,
105.3435

 70.1181, 79.8329,
106.3214

Harmonies

Analogous

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



37.6809, 32.6090, 24.1267



34.2744, 32.6090, 18.9557



30.2361, 32.6090, 17.7659

Triad

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



34.2744, 32.6090, 18.9557



23.9429, 32.6090, 37.7390



35.7091, 32.6090, 56.6074

Complementary

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



34.2744, 32.6090, 18.9557



26.9918, 29.7503, 53.0350

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.



31.7642, 32.6090, 62.2950



34.2744, 32.6090, 18.9557



25.1488, 32.6090, 49.9956

Square

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



34.2744, 32.6090, 18.9557



24.4900, 32.6090, 27.1761



27.9297, 32.6090, 59.6464



38.5579, 32.6090, 45.3839

Rectangle

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



34.2744, 32.6090, 18.9557



27.7727, 32.6090, 19.1043



27.9297, 32.6090, 59.6464



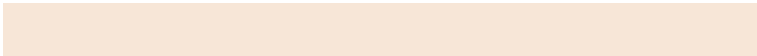
34.4550, 32.6090, 59.3288

Sweetspot

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



34.2752, 32.6106, 18.9564



79.0367, 81.2835, 75.9447



32.4993, 24.2029, 33.3347



17.0254, 17.4305, 15.8204



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



34.2752, 32.6106, 18.9564



58.0312, 53.3959, 25.4019



41.5440, 47.1481, 21.3793



9.8795, 10.2351, 10.0315



16.4523, 11.9433, 1.4382



0.7099, 0.5987, 0.0781

Inverse Universe

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



26.9918, 29.7503, 53.0350



43.1089, 47.5224, 95.1798



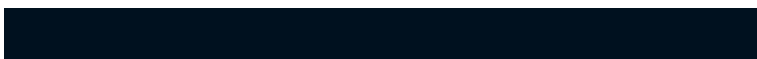
21.5120, 18.7907, 51.2084



9.4342, 10.0608, 12.1169



9.4979, 9.1075, 33.6502



0.4367, 0.4861, 1.3397

Previews

White Background



This preview shows how the XYZ color 34.2744, 32.6090, 18.9557 looks on a white background.

Color Contrast Check

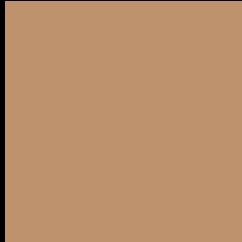
Large Text (above 18pt) WCAG AA × Fail

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 34.2744, 32.6090, 18.9557 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 34.2744, 32.6090, 18.9557

Background



This preview shows how black text looks on a background with the XYZ color 34.2744, 32.6090, 18.9557.



This preview shows how white text looks on a background with the XYZ color 34.2744, 32.6090,

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

34.2744, 32.6090, 18.9557

Protanopia

30.6383, 32.8504, 20.3487

Deuteranopia

33.3578, 32.5982, 19.0019



Tritanopia

37.2121, 32.4599, 33.5822

Trichromacy



Original Color

34.2744, 32.6090, 18.9557

Protanomaly

31.8321, 32.7403, 19.9710

Deuteranomaly

33.6876, 32.5364, 18.9726

Tritanomaly

36.1093, 32.4610, 27.6550

Monochromacy



Original Color

34.2744, 32.6090, 18.9557

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.9641, 32.6163, 28.6556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2744, 32.6090, 18.9557 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(190, 146, 109)` looks like.

```
.text, #text, p{  
    color:rgb(190, 146, 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(190, 146, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 146, 109) }
```

Border

The CSS property to change the border of an element to XYZ 34.2744, 32.6090, 18.9557 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(190, 146, 109) }
```


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

```
.border{ border-color:rgb(190, 146, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 146, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 146, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 146, 109);  
box-shadow:4px 4px 4px 4px rgb(190, 146,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2744, 32.6090, 18.9557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 146, 109) }
```

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

```
.background{ background-color: rgb(190,  
146, 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](#).

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