

Converting Colors

XYZ(32.6191, 33.0712, 24.0667)

Have a look what the booklet for
XYZ(32.6191, 33.0712, 24.0667)
contains.

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Color

**XYZ(32.6091, 33.0511,
24.0629)**

Conversions

Conversions Part 1

Format	Color
Hex	AF987D
RGB	175, 152, 125
RGB Percent	69%, 60%, 49%
CMY	0.3137, 0.4039, 0.5098
CMYK	0.00, 0.13, 0.29, 0.31
HSL	32°, 24%, 59%
HSV	32°, 29%, 69%
XYZ	32.6091, 33.0511, 24.0629
YIQ	155.7990, 22.3750, -3.5210

Conversions

Conversions Part 2

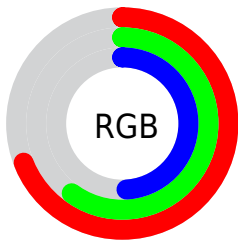
Format	Color
RYB	168, 175, 125
Decimal	11507837
CIELab	64.20, 4.33, 17.36
CIELCh	64, 17.893, 75.999
Yxy	33.0511, 0.3634, 0.3684
Android (android.graphics.Color)	4289697917 (0xFFAF987D)
YUV	155.7990, -15.1839, 16.8393
Hunter-Lab	57.4901, 0.6398, 15.4268

Details

The XYZ color **32.6091, 33.0511, 24.0629** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **26.7850, 28.6341, 44.6727**, and the grayscale version is **31.5696, 33.2137, 36.1697**.

A 20% lighter version of the original color is **63.0622, 64.3459, 51.2157**, and **13.9842, 13.9667, 8.7963** is the 20% darker color. If you saturate the color by 10%, you get **30.3261, 30.1192, 18.2639**, and if you desaturate by 10%, it is **35.1795, 36.2421, 30.9303**.

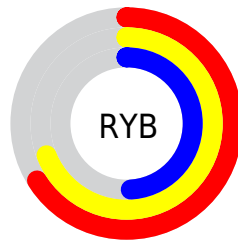
Distribution



Red (69%)

Green (60%)

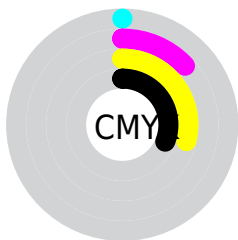
Blue (49%)



Red (66%)

Yellow (69%)

Blue (49%)

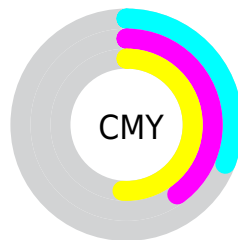


Cyan (0%)

Magenta (13%)

Yellow (29%)

Black (31%)



Cyan (31%)


Magenta (40%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6091, 33.0511, 24.0629 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 32.6091, 33.0511, 24.0629 by changing the saturation by 10% instead.


 32.6091, 33.0511,
24.0629


 32.6091, 33.0511,
24.0629


305.5809,
315.8799, 286.4351

 21.9850, 22.1656,
15.1677


 63.1235, 64.4553,
51.0779

 13.9624, 13.9786,
8.7892

 83.7445, 85.7428,
70.0348

 8.1760, 8.1058,
4.5090


 108.4285,
111.2664, 93.1827

 4.2605, 4.1627,
1.9085

137.5409,
141.4105, 120.9400

 1.8506, 1.7650,
0.4982

171.4469,
176.5595, 153.7254

 0.5479, 0.4652,
0.0000

210.5120,

 0.0000, 0.0000,

217.0978, 191.9573

0.0000

255.1015,
263.4098, 236.0544

■ 32.6091, 33.0511,
24.0629

■ 32.6091, 33.0511,
24.0629

■ 30.3261, 30.1192,
18.2639

■ 35.1795, 36.2421,
30.9303

■ 28.3158, 27.4343,
13.4761

■ 38.0460, 39.6950,
38.9150

■ 26.5661, 24.9899,
9.6403

■ 41.2200, 43.4181,
48.0655

■ 25.0625, 22.7770,
6.6901

■ 44.7116, 47.4180,
58.4267

■ 23.7889, 20.7864,
4.5502

■ 48.5304, 51.7011,
70.0411

■ 22.7269, 19.0073,
3.1328

■ 52.6854, 56.2734,
82.9491

■ 21.8452, 17.4239,
2.2836

■ 57.1854, 61.1408,
97.1894

■ 21.7277, 17.2110,
2.1769

■ 60.3862, 65.6479,
104.0964

■ 62.5041, 69.8836,
104.8023

Harmonies

Analogous

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



34.9259, 33.0511, 26.8446



32.6091, 33.0511, 24.0629



30.0888, 33.0511, 24.1594

Triad

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



32.6091, 33.0511, 24.0629



26.9546, 33.0511, 39.9762



35.0551, 33.0511, 46.5900

Complementary

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



32.6091, 33.0511, 24.0629



26.7850, 28.6341, 44.6727

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.



32.7777, 33.0511, 51.1553



32.6091, 33.0511, 24.0629



28.1459, 33.0511, 47.0001

Square

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



32.6091, 33.0511, 24.0629



26.9149, 33.0511, 32.7118



30.2486, 33.0511, 51.3148



36.3887, 33.0511, 39.4739

Rectangle

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



32.6091, 33.0511, 24.0629



28.6334, 33.0511, 25.8269



30.2486, 33.0511, 51.3148



34.3692, 33.0511, 48.5135

Sweetspot

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



32.6100, 33.0526, 24.0636



67.8236, 70.7173, 68.8023



30.3848, 25.9303, 31.5595



14.9047, 15.5152, 14.8127



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.6100, 33.0526, 24.0636



55.8821, 55.9808, 36.6244



36.3392, 41.0630, 25.4132



8.3500, 8.7049, 8.4535



15.6220, 12.4495, 1.5796



0.4885, 0.4542, 0.0619

Inverse Universe

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



26.7850, 28.6341, 44.6727



43.8035, 46.8207, 79.3655



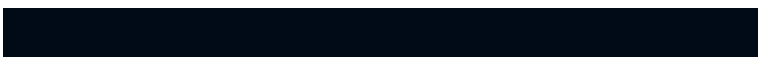
23.7747, 22.2493, 43.5990



7.8710, 8.3414, 10.1479



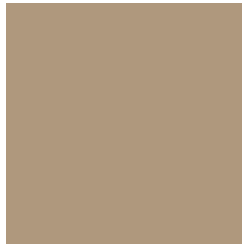
7.6815, 6.4969, 29.8937



0.2688, 0.2909, 0.8500

Previews

White Background



This preview shows how the XYZ color 32.6091, 33.0511, 24.0629 looks on a white background.

Color Contrast Check

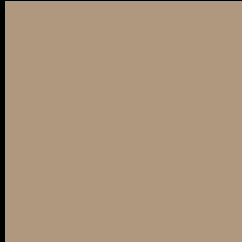
Large Text (above 18pt) WCAG AA × Fail

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 32.6091, 33.0511, 24.0629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

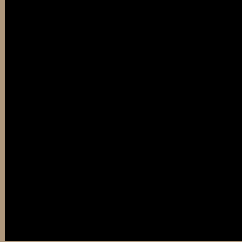
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6091, 33.0511, 24.0629

Background



This preview shows how black text looks on a background with the XYZ color 32.6091, 33.0511, 24.0629.



This preview shows how white text looks on a background with the XYZ color 32.6091, 33.0511,

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

32.6091, 33.0511, 24.0629

Protanopia

31.0692, 32.9743, 24.8058

Deuteranopia

33.6641, 33.1171, 24.0200



Tritanopia

35.2821, 32.9543, 37.3021

Trichromacy



Original Color

32.6091, 33.0511, 24.0629

Protanomaly

31.6837, 33.0526, 24.4485

Deuteranomaly

33.3587, 33.1976, 24.0516

Tritanomaly

34.3740, 33.0665, 32.1745

Monochromacy



Original Color

32.6091, 33.0511, 24.0629

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.9364, 33.2736, 31.5273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6091, 33.0511, 24.0629 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(175, 152, 125)` looks like.

```
.text, #text, p{  
    color:rgb(175, 152, 125)  
}
```

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(175, 152, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 152, 125) }
```

Border

The CSS property to change the border of an element to XYZ 32.6091, 33.0511, 24.0629 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(175, 152, 125) }
```


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

```
.border{ border-color:rgb(175, 152, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 152, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 152, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 152, 125);  
box-shadow:4px 4px 4px 4px rgb(175, 152,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6091, 33.0511, 24.0629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 152, 125) }
```

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

```
.background{ background-color: rgb(175,  
152, 125) }
```

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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