

Converting Colors

XYZ(36.6787, 40.5519, 24.9631)

Have a look what the booklet for
XYZ(36.6787, 40.5519, 24.9631)
contains.

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Color

**XYZ(36.7131, 40.6895,
24.9877)**

Conversions

Conversions Part 1

Format	Color
Hex	B1AD7C
RGB	177, 173, 124
RGB Percent	69%, 68%, 49%
CMY	0.3059, 0.3216, 0.5137
CMYK	0.00, 0.02, 0.30, 0.31
HSL	55°, 25%, 59%
HSV	55°, 30%, 69%
XYZ	36.7131, 40.6895, 24.9877
YIQ	168.6100, 18.1130, -14.3910

Conversions

Conversions Part 2

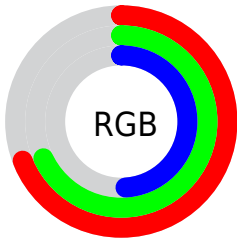
Format	Color
RYB	128, 177, 124
Decimal	11644284
CIELab	69.96, -6.37, 25.76
CIELCh	70, 26.531, 103.895
Yxy	40.6895, 0.3586, 0.3974
Android (android.graphics.Color)	4289834364 (0xFFB1AD7C)
YUV	168.6100, -21.9927, 7.3580
Hunter-Lab	63.7883, -8.8946, 21.4262

Details

The XYZ color **36.7131, 40.6895, 24.9877** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.9670, 22.8971, 44.7513**, and the grayscale version is **37.6192, 39.5783, 43.1008**.

A 20% lighter version of the original color is **69.2835, 75.9848, 52.6099**, and **16.4196, 18.4678, 9.3559** is the 20% darker color. If you saturate the color by 10%, you get **35.4386, 39.7737, 19.5274**, and if you desaturate by 10%, it is **38.1932, 41.6944, 31.5088**.

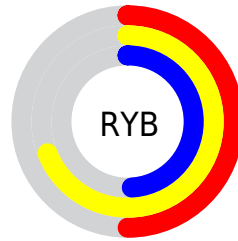
Distribution



Red (69%)

Green (68%)

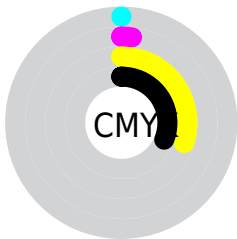
Blue (49%)



Red (50%)

Yellow (69%)

Blue (49%)

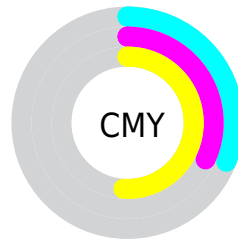


Cyan (0%)

Magenta (2%)

Yellow (30%)

Black (31%)



Cyan (31%)


Magenta (32%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7131, 40.6895, 24.9877 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 36.7131, 40.6895, 24.9877 by changing the saturation by 10% instead.


 36.7131, 40.6895,
24.9877


 36.7131, 40.6895,
24.9877


323.4439,
349.0212, 291.2224


 25.1581, 28.0765,
15.8490


 69.4480, 76.2123,
52.6011

 16.3242, 18.3834,
9.2641


 91.3586, 99.8910,
71.9129

 9.8462, 11.2256,
4.8147


 117.4518,
128.0270, 95.4528

 5.3586, 6.2188,
2.0821

148.0929,
161.0048, 123.6393

 2.4961, 2.9786,
0.6051

183.6473,
199.2087, 156.8910

 0.8933, 1.1205,
0.0000

224.4804,

 0.0000, 0.0000,

243.0231, 195.6263

0.0000

270.9575,
292.8325, 240.2640

■ 36.7131, 40.6895,
24.9877

■ 36.7131, 40.6895,
24.9877

■ 35.4386, 39.7737,
19.5274

■ 38.1932, 41.6944,
31.5088

■ 34.3558, 38.9373,
15.0687

■ 39.8858, 42.7870,
39.1405

■ 33.4539, 38.1774,
11.5505

■ 41.8011, 43.9728,
47.9326

■ 32.7200, 37.4886,
8.9041

■ 43.9479, 45.2553,
57.9312

■ 32.1392, 36.8652,
7.0512

■ 46.3345, 46.6379,
69.1797

■ 31.6939, 36.3000,
5.9000

■ 48.9688, 48.1237,
81.7194

■ 31.3475, 35.7783,
5.2566

■ 51.8582, 49.7157,
95.5899

■ 31.3456, 35.7754,
5.2532

■ 53.2554, 50.7150,
101.5898

■ 53.5333, 51.2707,
101.6825

Harmonies

Analogous

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



41.0249, 40.6895, 25.1502



36.7131, 40.6895, 24.9877



33.1950, 40.6895, 29.2746

Triad

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



36.7131, 40.6895, 24.9877



32.9908, 40.6895, 62.9337



47.2180, 40.6895, 51.2375

Complementary

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



36.7131, 40.6895, 24.9877



23.9670, 22.8971, 44.7513

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.



44.7253, 40.6895, 63.7572



36.7131, 40.6895, 24.9877



36.4150, 40.6895, 71.3214

Square

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



36.7131, 40.6895, 24.9877



31.1567, 40.6895, 50.2671



40.7038, 40.6895, 71.6481



47.3128, 40.6895, 38.8321

Rectangle

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



36.7131, 40.6895, 24.9877



31.6830, 40.6895, 34.6373



40.7038, 40.6895, 71.6481



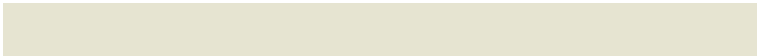
46.6248, 40.6895, 55.6201

Sweetspot

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



36.7141, 40.6913, 24.9886



71.6900, 76.7916, 71.2648



29.2632, 25.3324, 23.9140



15.4366, 16.5790, 14.9900



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.



36.7141, 40.6913, 24.9886



64.1903, 71.7639, 38.0230



32.8621, 39.8599, 25.0311



9.1412, 9.7948, 9.0613



22.7306, 25.9598, 3.8127



0.7313, 0.8491, 0.1253

Inverse Universe

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



23.9670, 22.8971, 44.7513



37.6329, 34.6950, 79.2086



27.0128, 23.7088, 44.7475



8.0917, 8.3297, 10.6876



5.8757, 2.5517, 30.3198



0.2018, 0.1141, 0.9596

Previews

White Background



This preview shows how the XYZ color 36.7131, 40.6895, 24.9877 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 36.7131, 40.6895, 24.9877 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

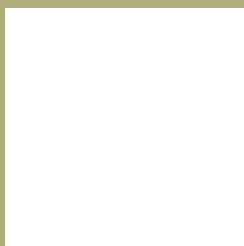
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.7131, 40.6895, 24.9877

Background



This preview shows how black text looks on a background with the XYZ color 36.7131, 40.6895, 24.9877.



This preview shows how white text looks on a background with the XYZ color 36.7131, 40.6895,

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

36.7131, 40.6895, 24.9877

Protanopia

37.9052, 40.7462, 24.6059

Deuteranopia

41.3985, 40.6138, 25.3960



Tritanopia

41.5401, 40.7175, 48.3177

Trichromacy



Original Color

36.7131, 40.6895, 24.9877

Protanomaly

37.3837, 40.7589, 24.6358

Deuteranomaly

39.5127, 40.4556, 25.1282

Tritanomaly

39.5020, 40.7029, 38.5754

Monochromacy



Original Color

36.7131, 40.6895, 24.9877

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.1378, 39.8200, 35.8657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7131, 40.6895, 24.9877 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(177, 173, 124)` looks like.

```
.text, #text, p{  
    color:rgb(177, 173, 124)  
}
```

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(177, 173, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 173, 124) }
```

Border

The CSS property to change the border of an element to XYZ 36.7131, 40.6895, 24.9877 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(177, 173, 124) }
```


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

```
.border{ border-color:rgb(177, 173, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 173, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 173, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 173, 124);  
box-shadow:4px 4px 4px 4px rgb(177, 173,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7131, 40.6895, 24.9877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 173, 124) }
```

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

```
.background{ background-color: rgb(177,  
173, 124) }
```

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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