

Converting Colors

XYZ(36.5142, 41.0926, 27.4979)

Have a look what the booklet for
XYZ(36.5142, 41.0926, 27.4979)
contains.

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Color

**XYZ(36.4400, 41.0693,
27.4793)**

Conversions

Conversions Part 1

Format	Color
Hex	ACAF83
RGB	172, 175, 131
RGB Percent	67%, 69%, 51%
CMY	0.3255, 0.3137, 0.4863
CMYK	0.02, 0.00, 0.25, 0.31
HSL	64°, 22%, 60%
HSV	64°, 25%, 69%
XYZ	36.4400, 41.0693, 27.4793
YIQ	169.0870, 12.3360, -14.3200

Conversions

Conversions Part 2

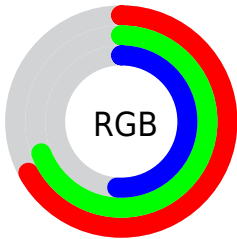
Format	Color
RYB	131, 175, 134
Decimal	11317123
CIELab	70.22, -8.43, 22.27
CIELCh	70, 23.814, 110.721
Yxy	41.0693, 0.3471, 0.3912
Android (android.graphics.Color)	4289507203 (0xFFACAF83)
YUV	169.0870, -18.7769, 2.5547
Hunter-Lab	64.0853, -10.6512, 19.4366

Details

The XYZ color **36.4400, 41.0693, 27.4793** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.6872, 24.3971, 43.9150**, and the grayscale version is **37.8418, 39.8125, 43.3558**.

A 20% lighter version of the original color is **68.9435, 76.5483, 56.4890**, and **16.1759, 18.6819, 10.5380** is the 20% darker color. If you saturate the color by 10%, you get **35.0921, 40.5014, 21.7391**, and if you desaturate by 10%, it is **37.9928, 41.7222, 34.2765**.

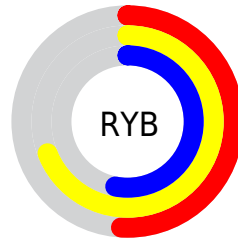
Distribution



Red (67%)

Green (69%)

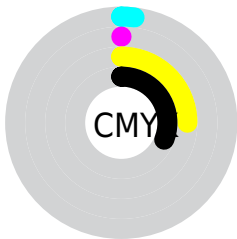
Blue (51%)



Red (51%)

Yellow (69%)

Blue (53%)

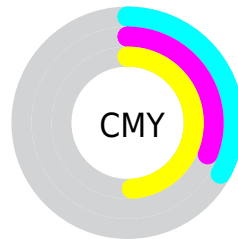


Cyan (2%)

Magenta (0%)

Yellow (25%)

Black (31%)



Cyan (33%)

Magenta (31%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4400, 41.0693, 27.4793 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 36.4400, 41.0693, 27.4793 by changing the saturation by 10% instead.

■ 36.4400, 41.0693,
27.4793

■ 36.4400, 41.0693,
27.4793

322.2774,
350.6102, 303.8036

■ 24.9459, 28.3732,
17.6979

■ 69.0301, 76.7891,
56.6651

■ 16.1653, 18.6072,
10.5661

■ 90.8568, 100.5816,
76.9066

■ 9.7328, 11.3868,
5.6654

■ 116.8584,
128.8417, 101.4718

■ 5.2830, 6.3276,
2.5772

147.4003,
161.9538, 130.7794

■ 2.4507, 3.0453,
0.8807

182.8477,
200.3023, 165.2478

■ 0.8705, 1.1554,
0.0000

223.5662,

■ 0.0000, 0.0248,

244.2716, 205.2956

0.0000

269.9210,
294.2461, 251.3414

■ 0.0000, 0.0000,
0.0000

■ 36.4400, 41.0693,
27.4793

■ 36.4400, 41.0693,
27.4793

■ 35.0921, 40.5014,
21.7391

■ 37.9928, 41.7222,
34.2765

■ 33.9358, 40.0090,
17.0004

■ 39.7566, 42.4585,
42.1775

■ 32.9613, 39.5896,
13.2064

■ 41.7412, 43.2833,
51.2292

■ 32.1564, 39.2383,
10.2938

■ 43.9551, 44.2001,
61.4752

■ 31.5077, 38.9497,
8.1912

■ 46.4059, 45.2119,
72.9568

■ 30.9995, 38.7176,
6.8166

■ 49.1012, 46.3219,
85.7132

■ 30.6126, 38.5343,
6.0685

■ 52.0481, 47.5327,
99.7821

■ 30.4469, 38.4543,
5.8177

■ 52.5680, 47.7730,
101.0582

■ 52.8505, 47.9187,
101.0714

Harmonies

Analogous

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



40.2575, 41.0693, 26.6855



36.4400, 41.0693, 27.4793



33.5103, 41.0693, 32.4459

Triad

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



36.4400, 41.0693, 27.4793



34.4749, 41.0693, 63.4995



46.9185, 41.0693, 48.2726

Complementary

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



36.4400, 41.0693, 27.4793



25.6872, 24.3971, 43.9150

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.



45.1362, 41.0693, 59.7485



36.4400, 41.0693, 27.4793



37.8378, 41.0693, 69.4549

Square

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



36.4400, 41.0693, 27.4793



32.4293, 41.0693, 52.7599



41.7507, 41.0693, 67.9783



46.4822, 41.0693, 37.5369

Rectangle

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



36.4400, 41.0693, 27.4793



32.3722, 41.0693, 37.9912



41.7507, 41.0693, 67.9783



46.5548, 41.0693, 52.1943

Sweetspot

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



36.4411, 41.0711, 27.4802



70.2119, 75.6261, 71.0847



30.2932, 27.7855, 25.2398



15.4994, 16.7645, 15.3234



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.



36.4411, 41.0711, 27.4802



63.9185, 72.9867, 43.4585



32.0182, 38.7910, 27.2732



8.6079, 9.3020, 8.5551



21.8238, 27.5476, 4.1670



0.6228, 0.7745, 0.1167

Inverse Universe

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



25.6872, 24.3971, 43.9150



41.4427, 38.1339, 77.8132



29.5528, 26.3899, 44.0959



7.6277, 7.7824, 10.0528



5.6699, 2.2828, 29.1863



0.1738, 0.0718, 0.8127

Previews

White Background



This preview shows how the XYZ color 36.4400, 41.0693, 27.4793 looks on a white background.

Color Contrast Check

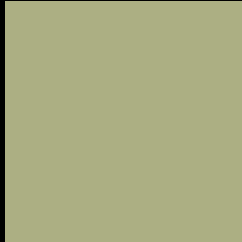
Large Text (above 18pt) WCAG AA × Fail

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 36.4400, 41.0693, 27.4793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

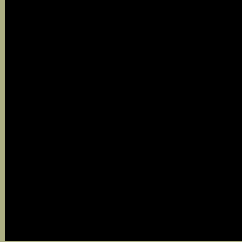
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

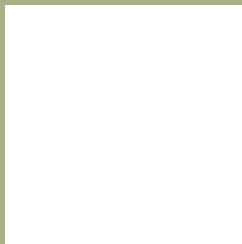
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4400, 41.0693, 27.4793

Background



This preview shows how black text looks on a background with the XYZ color 36.4400, 41.0693, 27.4793.



This preview shows how white text looks on a background with the XYZ color 36.4400, 41.0693,

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

36.4400, 41.0693, 27.4793

Protanopia

38.2925, 40.9011, 26.6454

Deuteranopia

41.7762, 41.0212, 27.9063



Tritanopia

41.0365, 40.9664, 50.0004

Trichromacy



Original Color

36.4400, 41.0693, 27.4793

Protanomaly

37.6042, 40.8201, 27.0162

Deuteranomaly

39.5880, 40.9890, 27.6550

Tritanomaly

39.0783, 41.0003, 40.5045

Monochromacy



Original Color

36.4400, 41.0693, 27.4793

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.0569, 40.0384, 36.7854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4400, 41.0693, 27.4793 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(172, 175, 131)` looks like.

```
.text, #text, p{  
    color:rgb(172, 175, 131)  
}
```

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(172, 175, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 175, 131) }
```

Border

The CSS property to change the border of an element to XYZ 36.4400, 41.0693, 27.4793 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(172, 175, 131) }
```


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

```
.border{ border-color:rgb(172, 175, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 175, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 175, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 175, 131);  
box-shadow:4px 4px 4px 4px rgb(172, 175,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4400, 41.0693, 27.4793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 175, 131) }
```

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

```
.background{ background-color: rgb(172,  
175, 131) }
```

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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