

Converting Colors

XYZ(34.0776, 36.3200, 24.6164)

Have a look what the booklet for
XYZ(34.0776, 36.3200, 24.6164)
contains.

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Color

**XYZ(34.0776, 36.3200,
24.6164)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA27D
RGB	174, 162, 125
RGB Percent	68%, 64%, 49%
CMY	0.3176, 0.3647, 0.5098
CMYK	0.00, 0.07, 0.28, 0.32
HSL	45°, 23%, 59%
HSV	45°, 28%, 68%
XYZ	34.0776, 36.3200, 24.6164
YIQ	161.3700, 19.0290, -8.9630

Conversions

Conversions Part 2

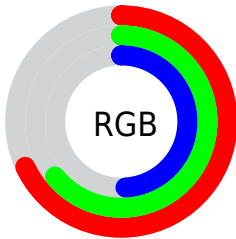
Format	Color
RYB	141, 174, 125
Decimal	11444861
CIELab	66.76, -1.53, 20.86
CIELCh	67, 20.914, 94.207
Yxy	36.3200, 0.3587, 0.3823
Android (android.graphics.Color)	4289634941 (0xFFFAEA27D)
YUV	161.3700, -17.9304, 11.0765
Hunter-Lab	60.2661, -4.5324, 17.9685

Details

The XYZ color **34.0776, 36.3200, 24.6164** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.0430, 25.3067, 43.6094**, and the grayscale version is **34.1239, 35.9010, 39.0962**.

A 20% lighter version of the original color is **65.4819, 69.6631, 52.1145**, and **14.8741, 15.9556, 9.1333** is the 20% darker color. If you saturate the color by 10%, you get **32.3246, 34.4396, 19.0202**, and if you desaturate by 10%, it is **36.0527, 38.3324, 31.2482**.

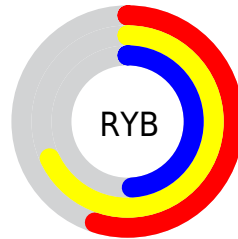
Distribution



Red (68%)

Green (64%)

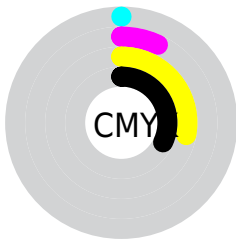
Blue (49%)



Red (55%)

Yellow (68%)

Blue (49%)

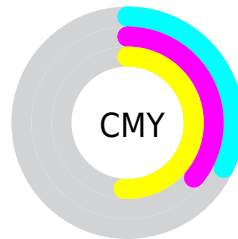


Cyan (0%)

Magenta (7%)

Yellow (28%)

Black (32%)



Cyan (32%)

Magenta (36%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0776, 36.3200, 24.6164 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 34.0776, 36.3200, 24.6164 by changing the saturation by 10% instead.

■ 34.0776, 36.3200,
24.6164

■ 34.0776, 36.3200,
24.6164

312.0578,
330.3570, 289.3084

■ 23.1164, 24.6814,
15.5751

■ 65.3978, 69.5257,
51.9906

■ 14.8006, 15.8399,
9.0729

■ 86.4875, 91.8616,
71.1606

■ 8.7650, 9.4109,
4.6913

■ 111.6841,
118.5321, 94.5438

■ 4.6441, 5.0102,
2.0117

141.3530,
149.9216, 122.5589

■ 2.0726, 2.2532,
0.5625

175.8594,
186.4144, 155.6244

■ 0.6742, 0.7488,
0.0000

215.5688,

■ 0.0000, 0.0000,

228.3950, 194.1588

0.0000

260.8464,
276.2478, 238.5806

■ 34.0776, 36.3200,
24.6164

■ 34.0776, 36.3200,
24.6164

■ 32.3246, 34.4396,
19.0202

■ 36.0527, 38.3324,
31.2482

■ 30.7804, 32.6818,
14.4038

■ 38.2567, 40.4763,
38.9631

■ 29.4347, 31.0432,
10.7094

■ 40.6996, 42.7571,
47.8082

■ 28.2749, 29.5184,
7.8724

■ 43.3899, 45.1787,
57.8274

■ 27.2869, 28.1015,
5.8198

■ 46.3358, 47.7448,
69.0620

■ 26.4543, 26.7853,
4.4660

■ 49.5449, 50.4588,
81.5514

■ 25.7496, 25.5585,
3.6681

■ 53.0246, 53.3239,
95.3332

■ 25.6260, 25.3393,
3.5403

■ 55.2645, 55.7364,
102.4532

■ 56.2396, 57.6867,
102.7782

Harmonies

Analogous

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



37.2308, 36.3200, 25.8657



34.0776, 36.3200, 24.6164



31.2191, 36.3200, 26.8388

Triad

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



34.0776, 36.3200, 24.6164



29.7395, 36.3200, 50.1491



40.2812, 36.3200, 47.6050

Complementary

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



34.0776, 36.3200, 24.6164



25.0430, 25.3067, 43.6094

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.



38.0480, 36.3200, 55.7398



34.0776, 36.3200, 24.6164



31.9461, 36.3200, 57.3587

Square

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



34.0776, 36.3200, 24.6164



28.8132, 36.3200, 40.8356



34.9684, 36.3200, 59.5456



40.9370, 36.3200, 38.2844

Rectangle

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



34.0776, 36.3200, 24.6164



29.8268, 36.3200, 30.2236



34.9684, 36.3200, 59.5456



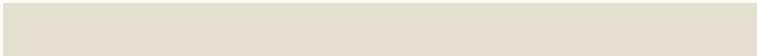
39.6837, 36.3200, 50.6125

Sweetspot

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



34.0785, 36.3216, 24.6172



69.4015, 73.4272, 70.7030



29.3229, 25.4797, 27.1341



15.2870, 16.1880, 15.2233



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.



34.0785, 36.3216, 24.6172



59.7209, 63.6583, 37.9040



33.6876, 39.4083, 25.2335



8.4941, 8.9930, 8.5015



18.6348, 18.4751, 2.5839



0.5578, 0.5928, 0.0850

Inverse Universe

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



25.0430, 25.3067, 43.6094



40.5249, 40.2635, 78.2726



25.3316, 23.0632, 43.1612



7.7323, 8.0639, 10.1016



6.1977, 3.5293, 29.3991



0.2151, 0.1836, 0.8321

Previews

White Background



This preview shows how the XYZ color 34.0776, 36.3200, 24.6164 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 34.0776, 36.3200, 24.6164 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 34.0776, 36.3200, 24.6164

Background



This preview shows how black text looks on a background with the XYZ color 34.0776, 36.3200, 24.6164.



This preview shows how white text looks on a background with the XYZ color 34.0776, 36.3200,

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

34.0776, 36.3200, 24.6164

Protanopia

33.8556, 36.2056, 24.6060

Deuteranopia

36.8896, 36.2304, 24.7875



Tritanopia

37.5468, 36.1878, 42.0518

Trichromacy



Original Color

34.0776, 36.3200, 24.6164

Protanomaly

33.8556, 36.2056, 24.6060

Deuteranomaly

35.7599, 36.1504, 24.8316

Tritanomaly

36.0258, 36.0678, 34.7688

Monochromacy



Original Color

34.0776, 36.3200, 24.6164

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.8160, 35.7348, 33.1322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0776, 36.3200, 24.6164 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(174, 162, 125)` looks like.

```
.text, #text, p{  
    color:rgb(174, 162, 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(174, 162, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 162, 125) }
```

Border

The CSS property to change the border of an element to XYZ 34.0776, 36.3200, 24.6164 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(174, 162, 125) }
```


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

```
.border{ border-color:rgb(174, 162, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 162, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 162, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 162, 125);  
box-shadow:4px 4px 4px 4px rgb(174, 162,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0776, 36.3200, 24.6164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 162, 125) }
```

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

```
.background{ background-color: rgb(174,  
162, 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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