

Converting Colors

XYZ(32.8850, 36.0712, 27.2260)

Have a look what the booklet for
XYZ(32.8850, 36.0712, 27.2260)
contains.

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Color

**XYZ(32.9574, 36.2162,
27.0832)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A484
RGB	165, 164, 132
RGB Percent	65%, 64%, 52%
CMY	0.3529, 0.3568, 0.4823
CMYK	0.00, 0.01, 0.20, 0.35
HSL	58°, 15%, 58%
HSV	58°, 20%, 65%
XYZ	32.9574, 36.2162, 27.0832
YIQ	160.6510, 10.8680, -9.7400

Conversions

Conversions Part 2

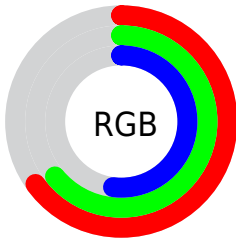
Format	Color
RYB	133, 165, 132
Decimal	10855556
CIELab	66.68, -5.13, 16.78
CIElCh	67, 17.547, 106.998
Yxy	36.2162, 0.3424, 0.3762
Android (android.graphics.Color)	4289045636 (0xFFA5A484)
YUV	160.6510, -14.1249, 3.8141
Hunter-Lab	60.1799, -7.5597, 15.4432

Details

The XYZ color **32.9574, 36.2162, 27.0832** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.6948, 24.3968, 39.0051**, and the grayscale version is **33.7750, 35.5340, 38.6965**.

A 20% lighter version of the original color is **63.6037, 69.3815, 55.9386**, and **14.1272, 15.7082, 10.2701** is the 20% darker color. If you saturate the color by 10%, you get **31.8278, 35.6232, 21.5698**, and if you desaturate by 10%, it is **34.2678, 36.8845, 33.5389**.

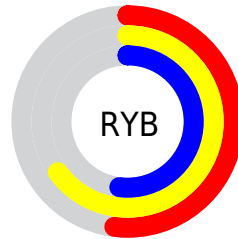
Distribution



Red (65%)

Green (64%)

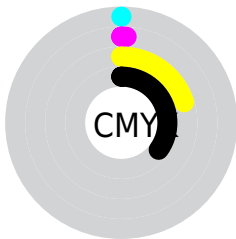
Blue (52%)



Red (52%)

Yellow (65%)

Blue (52%)

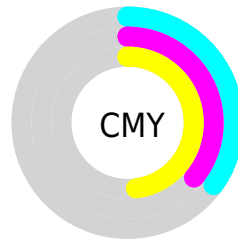


Cyan (0%)

Magenta (1%)

Yellow (20%)

Black (35%)



Cyan (35%)

Magenta (36%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9574, 36.2162, 27.0832 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 32.9574, 36.2162, 27.0832 by changing the saturation by 10% instead.

■ 32.9574, 36.2162,
27.0832

■ 32.9574, 36.2162,
27.0832

307.1261,
329.9045, 301.8326

■ 22.2529, 24.6012,
17.4027

■ 63.6641, 69.3656,
56.0227

■ 14.1605, 15.7802,
10.3571

■ 84.3971, 91.6689,
76.1188

■ 8.3148, 9.3688,
5.5276

■ 109.2035,
118.3037, 100.5239

■ 4.3505, 4.9825,
2.4960

138.4489,
149.6544, 129.6565

■ 1.9023, 2.2370,
0.8380

172.4984,
186.1054, 163.9351

■ 0.5782, 0.7400,
0.0000

211.7176,

■ 0.0000, 0.0000,

228.0412, 203.7783

0.0000

256.4717,
275.8461, 249.6046

■ 32.9574, 36.2162,
27.0832

■ 32.9574, 36.2162,
27.0832

■ 31.8278, 35.6232,
21.5698

■ 34.2678, 36.8845,
33.5389

■ 30.8679, 35.0974,
16.9523

■ 35.7641, 37.6266,
40.9758

■ 30.0696, 34.6368,
13.1838

■ 37.4545, 38.4468,
49.4333

■ 29.4229, 34.2374,
10.2122

■ 39.3461, 39.3481,
58.9483

■ 28.9169, 33.8949,
7.9798

■ 41.4454, 40.3330,
69.5555

■ 28.5392, 33.6042,
6.4210

■ 43.7588, 41.4041,
81.2881

■ 28.2751, 33.3595,
5.4588

■ 46.2922, 42.5638,
94.1781

■ 28.0912, 33.1474,
4.9176

■ 47.5680, 43.2210,
100.4431

■ 28.0912, 33.1474,
4.9175

■ 47.6601, 43.4053,
100.4738

Harmonies

Analogous

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



35.5790, 36.2162, 26.8792



32.9574, 36.2162, 27.0832



30.8364, 36.2162, 30.3127

Triad

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



32.9574, 36.2162, 27.0832



31.0699, 36.2162, 51.0694



39.6178, 36.2162, 42.8009

Complementary

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



32.9574, 36.2162, 27.0832



24.6948, 24.3968, 39.0051

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.



38.2761, 36.2162, 50.2212



32.9574, 36.2162, 27.0832



33.2911, 36.2162, 55.3904

Square

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



32.9574, 36.2162, 27.0832



29.7856, 36.2162, 43.8449



35.9302, 36.2162, 55.0615



39.5171, 36.2162, 35.3280

Rectangle

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



32.9574, 36.2162, 27.0832



29.9513, 36.2162, 34.0126



35.9302, 36.2162, 55.0615



39.3177, 36.2162, 45.4013

Sweetspot

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



32.9584, 36.2178, 27.0840



62.3726, 66.5577, 65.0328



28.0093, 26.1986, 25.8076



13.6010, 14.5335, 14.0445



78.6606, 82.7571, 90.1225



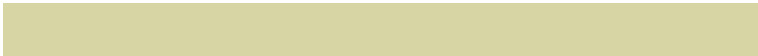
14.0027, 14.7319, 16.0430

Same Dimension

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



32.9584, 36.2178, 27.0840



58.0879, 64.3746, 43.9167



30.1246, 35.0227, 27.0027



7.6310, 8.2004, 7.5607



21.2580, 25.0899, 3.7224



0.4520, 0.5378, 0.0800

Inverse Universe

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



24.6948, 24.3968, 39.0051



40.5620, 39.3042, 69.2009



27.1477, 25.4598, 39.0810



6.7168, 6.8926, 8.8795



5.1855, 2.1504, 27.0715



0.1138, 0.0549, 0.5704

Previews

White Background



This preview shows how the XYZ color 32.9574, 36.2162, 27.0832 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 32.9574, 36.2162, 27.0832 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

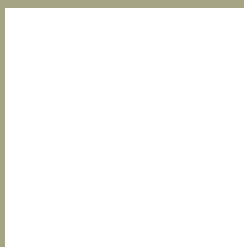
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9574, 36.2162, 27.0832

Background



This preview shows how black text looks on a background with the XYZ color 32.9574, 36.2162, 27.0832.



This preview shows how white text looks on a background with the XYZ color 32.9574, 36.2162,

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

32.9574, 36.2162, 27.0832

Protanopia

34.0303, 36.2500, 26.6761

Deuteranopia

36.9306, 36.1895, 27.5931



Tritanopia

36.3264, 36.2826, 43.6167

Trichromacy



Original Color

32.9574, 36.2162, 27.0832

Protanomaly

33.5561, 36.2681, 26.7046

Deuteranomaly

35.4542, 36.1930, 27.3076

Tritanomaly

34.9791, 36.2489, 37.0514

Monochromacy



Original Color

32.9574, 36.2162, 27.0832

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.3256, 35.7241, 33.9931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9574, 36.2162, 27.0832 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(165, 164, 132)` looks like.

```
.text, #text, p{  
    color:rgb(165, 164, 132)  
}
```

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(165, 164, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 164, 132) }
```

Border

The CSS property to change the border of an element to XYZ 32.9574, 36.2162, 27.0832 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(165, 164, 132) }
```


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

```
.border{ border-color:rgb(165, 164, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 164, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 164, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 164, 132);  
box-shadow:4px 4px 4px 4px rgb(165, 164,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9574, 36.2162, 27.0832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 164, 132) }
```

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

```
.background{ background-color: rgb(165,  
164, 132) }
```

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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