

Converting Colors

XYZ(32.6226, 35.5625, 24.8835)

Have a look what the booklet for
XYZ(32.6226, 35.5625, 24.8835)
contains.

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Color

**XYZ(32.6226, 35.5625,
24.8835)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A27E
RGB	167, 162, 126
RGB Percent	65%, 64%, 49%
CMY	0.3451, 0.3647, 0.5059
CMYK	0.00, 0.03, 0.25, 0.35
HSL	53°, 19%, 57%
HSV	53°, 25%, 65%
XYZ	32.6226, 35.5625, 24.8835
YIQ	159.3910, 14.5360, -10.1360

Conversions

Conversions Part 2

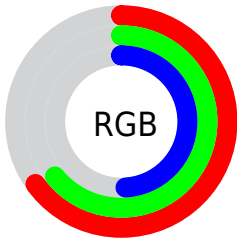
Format	Color
RYB	132, 167, 126
Decimal	10986110
CIELab	66.18, -4.17, 19.42
CIELCh	66, 19.861, 102.107
Yxy	35.5625, 0.3505, 0.3821
Android (android.graphics.Color)	4289176190 (0xFFA7A27E)
YUV	159.3910, -16.4618, 6.6731
Hunter-Lab	59.6343, -6.7126, 17.0042

Details

The XYZ color **32.6226, 35.5625, 24.8835** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.6955, 23.4577, 39.8384**, and the grayscale version is **33.2029, 34.9320, 38.0410**.

A 20% lighter version of the original color is **63.0737, 68.4100, 52.5279**, and **13.9857, 15.3325, 9.2435** is the 20% darker color. If you saturate the color by 10%, you get **31.2785, 34.4571, 19.5555**, and if you desaturate by 10%, it is **34.1543, 36.7547, 31.1624**.

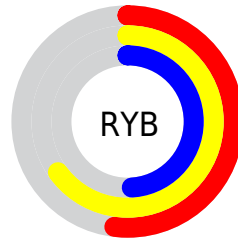
Distribution



Red (65%)

Green (64%)

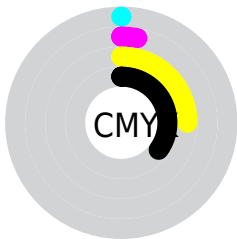
Blue (49%)



Red (52%)

Yellow (65%)

Blue (49%)

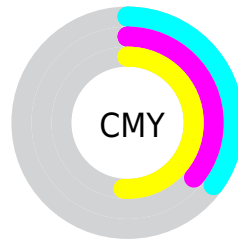


Cyan (0%)

Magenta (3%)

Yellow (25%)

Black (35%)



Cyan (35%)

Magenta (36%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6226, 35.5625, 24.8835 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 32.6226, 35.5625, 24.8835 by changing the saturation by 10% instead.

■ 32.6226, 35.5625,
24.8835

■ 32.6226, 35.5625,
24.8835

305.6409,
327.0443, 290.6863

■ 21.9953, 24.0965,
15.7720

■ 63.1445, 68.3563,
52.4299

■ 13.9701, 15.4052,
9.2104

■ 83.7698, 90.4528,
71.7020

■ 8.1814, 9.1043,
4.7800

■ 108.4586,
116.8617, 95.1980

■ 4.2640, 4.8093,
2.0623

137.5761,
147.9672, 123.3365

■ 1.8526, 2.1358,
0.5932

171.4877,
184.1538, 156.5361

■ 0.5490, 0.6846,
0.0000

210.5588,

■ 0.0000, 0.0000,

225.8060, 195.2152

0.0000

255.1547,
273.3080, 239.7925

■ 32.6226, 35.5625,
24.8835

■ 32.6226, 35.5625,
24.8835

■ 31.2785, 34.4571,
19.5555

■ 34.1543, 36.7547,
31.1624

■ 30.1102, 33.4300,
15.1292

■ 35.8791, 38.0322,
38.4338

■ 29.1090, 32.4790,
11.5543

■ 37.8059, 39.3999,
46.7394

■ 28.2642, 31.5997,
8.7747

■ 39.9418, 40.8607,
56.1179

■ 27.5638, 30.7872,
6.7276

■ 42.2941, 42.4174,
66.6060

■ 26.9941, 30.0361,
5.3405

■ 44.8692, 44.0728,
78.2388

■ 26.5384, 29.3396,
4.5257

■ 47.6737, 45.8295,
91.0496

■ 26.3157, 28.9741,
4.2056

■ 49.9637, 47.3900,
101.1215

■ 50.3725, 48.2076,
101.2578

Harmonies

Analogous

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



35.5781, 35.5625, 25.2016



32.6226, 35.5625, 24.8835



30.1305, 35.5625, 27.8544

Triad

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



32.6226, 35.5625, 24.8835



29.7562, 35.5625, 50.6974



39.5052, 35.5625, 43.9426

Complementary

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



32.6226, 35.5625, 24.8835



23.6955, 23.4577, 39.8384

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.



37.7583, 35.5625, 52.1009



32.6226, 35.5625, 24.8835



32.0843, 35.5625, 56.3751

Square

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



32.6226, 35.5625, 24.8835



28.5414, 35.5625, 42.2380



35.0076, 35.5625, 56.9232



39.6703, 35.5625, 35.4058

Rectangle

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



32.6226, 35.5625, 24.8835



29.0211, 35.5625, 31.5929



35.0076, 35.5625, 56.9232



39.0790, 35.5625, 46.8491

Sweetspot

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



32.6235, 35.5641, 24.8843



63.4270, 67.5082, 65.3026



27.5260, 24.7890, 24.9734



14.1540, 15.0779, 14.4449



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



32.6235, 35.5641, 24.8843



57.1873, 62.6880, 39.6108



30.5276, 35.8163, 25.0434



8.0677, 8.6155, 8.0270



20.1609, 22.2190, 3.2261



0.5116, 0.5828, 0.0855

Inverse Universe

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



23.6955, 23.4577, 39.8384



38.6395, 37.5395, 70.6846



25.4265, 23.3778, 39.7317



7.2027, 7.4424, 9.4752



5.5541, 2.5683, 28.1785



0.1568, 0.1059, 0.6928

Previews

White Background



This preview shows how the XYZ color 32.6226, 35.5625, 24.8835 looks on a white background.

Color Contrast Check

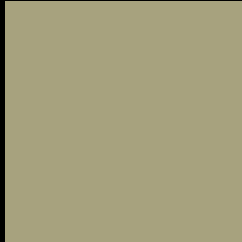
Large Text (above 18pt) WCAG AA × Fail

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 32.6226, 35.5625, 24.8835 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

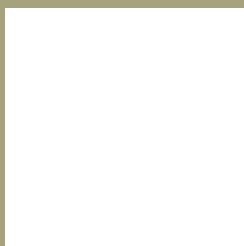
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6226, 35.5625, 24.8835

Background



This preview shows how black text looks on a background with the XYZ color 32.6226, 35.5625, 24.8835.



This preview shows how white text looks on a background with the XYZ color 32.6226, 35.5625,

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

32.6226, 35.5625, 24.8835

Protanopia

33.2411, 35.6283, 24.5270

Deuteranopia

36.1909, 35.3611, 25.3400



Tritanopia

36.0632, 35.4122, 42.4706

Trichromacy



Original Color

32.6226, 35.5625, 24.8835

Protanomaly

33.0241, 35.5165, 24.5168

Deuteranomaly

34.7101, 35.3495, 25.0724

Tritanomaly

34.5542, 35.2997, 35.1293

Monochromacy



Original Color

32.6226, 35.5625, 24.8835

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.7376, 34.9296, 32.6204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6226, 35.5625, 24.8835 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(167, 162, 126)` looks like.

```
.text, #text, p{  
    color:rgb(167, 162, 126)  
}
```

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(167, 162, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 162, 126) }
```

Border

The CSS property to change the border of an element to XYZ 32.6226, 35.5625, 24.8835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

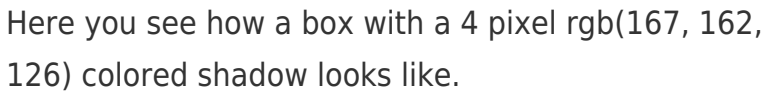
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 162, 126) }
```


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

```
.border{ border-color:rgb(167, 162, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 162, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 162, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 162, 126); box-shadow:4px 4px 4px 4px rgb(167, 162, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6226, 35.5625, 24.8835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 162, 126) }
```

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

```
.background{ background-color: rgb(167,  
162, 126) }
```

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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