

Converting Colors

XYZ(35.2333, 37.4100, 25.0285)

Have a look what the booklet for
XYZ(35.2333, 37.4100, 25.0285)
contains.

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Color

**XYZ(35.1728, 37.4044,
25.1046)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A47E
RGB	177, 164, 126
RGB Percent	69%, 64%, 49%
CMY	0.3059, 0.3568, 0.5059
CMYK	0.00, 0.07, 0.29, 0.31
HSL	45°, 25%, 59%
HSV	45°, 29%, 69%
XYZ	35.1728, 37.4044, 25.1046
YIQ	163.5550, 19.9460, -9.0620

Conversions

Conversions Part 2

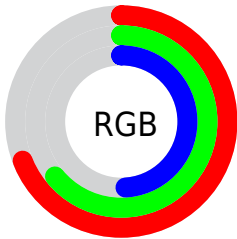
Format	Color
RYB	143, 177, 126
Decimal	11641982
CIELab	67.58, -1.28, 21.46
CIELCh	68, 21.502, 93.425
Yxy	37.4044, 0.3601, 0.3829
Android (android.graphics.Color)	4289832062 (0xFFB1A47E)
YUV	163.5550, -18.5146, 11.7913
Hunter-Lab	61.1591, -4.3726, 18.4740

Details

The XYZ color **35.1728, 37.4044, 25.1046** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.7724, 26.0744, 45.2695**, and the grayscale version is **35.1545, 36.9852, 40.2769**.

A 20% lighter version of the original color is **67.0725, 71.2413, 52.8637**, and **15.4459, 16.4092, 9.3744** is the 20% darker color. If you saturate the color by 10%, you get **33.3377, 35.4029, 19.3480**, and if you desaturate by 10%, it is **37.2406, 39.5474, 31.9367**.

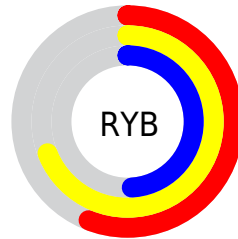
Distribution



Red (69%)

Green (64%)

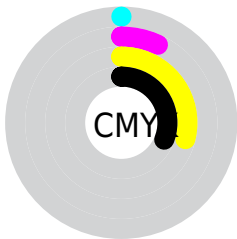
Blue (49%)



Red (56%)

Yellow (69%)

Blue (49%)

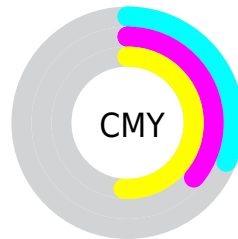


Cyan (0%)

Magenta (7%)

Yellow (29%)

Black (31%)



Cyan (31%)


Magenta (36%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1728, 37.4044, 25.1046 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 35.1728, 37.4044, 25.1046 by changing the saturation by 10% instead.


 35.1728, 37.4044,
25.1046


 35.1728, 37.4044,
25.1046


316.8251,
335.0581, 291.8228


 23.9632, 25.5208,
15.9353


 67.0856, 71.1943,
52.7931

 15.4309, 16.4655,
9.3245

 88.5195, 93.8694,
72.1493

 9.2106, 9.8541,
4.8538


 114.0922,
120.9104, 95.7383

 4.9370, 5.3023,
2.1045

144.1691,
152.7017, 123.9785

 2.2447, 2.4257,
0.6184

179.1154,
189.6277, 157.2885

 0.7662, 0.8391,
0.0000

219.2966,

 0.0000, 0.0000,

232.0729, 196.0869

0.0000

265.0781,
280.4215, 240.7921

■ 35.1728, 37.4044,
25.1046

■ 35.1728, 37.4044,
25.1046

■ 33.3377, 35.4029,
19.3480

■ 37.2406, 39.5474,
31.9367

■ 31.7213, 33.5330,
14.6082

■ 39.5484, 41.8313,
39.8939

■ 30.3129, 31.7910,
10.8248

■ 42.1066, 44.2622,
49.0258

■ 29.0992, 30.1714,
7.9298

■ 44.9241, 46.8439,
59.3781

■ 28.0652, 28.6675,
5.8460

■ 48.0096, 49.5805,
70.9942

■ 27.1935, 27.2720,
4.4833

■ 51.3709, 52.4754,
83.9153

■ 26.4530, 25.9718,
3.6792

■ 55.0160, 55.5323,
98.1807

■ 26.3688, 25.8217,
3.5943

■ 56.8559, 57.9160,
102.7900

■ 57.9166, 60.0374,
103.1436

Harmonies

Analogous

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



38.4763, 37.4044, 26.5012



35.1728, 37.4044, 25.1046



32.1592, 37.4044, 27.3275

Triad

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



35.1728, 37.4044, 25.1046



30.4991, 37.4044, 51.6176



41.5543, 37.4044, 49.4395

Complementary

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



35.1728, 37.4044, 25.1046



25.7724, 26.0744, 45.2695

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.



39.1749, 37.4044, 57.9163



35.1728, 37.4044, 25.1046



32.7793, 37.4044, 59.3046

Square

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



35.1728, 37.4044, 25.1046



29.5685, 37.4044, 41.8260



35.9334, 37.4044, 61.7707



42.2922, 37.4044, 39.6475

Rectangle

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



35.1728, 37.4044, 25.1046



30.6807, 37.4044, 30.8009



35.9334, 37.4044, 61.7707



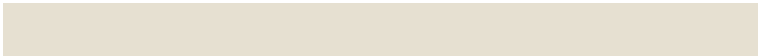
40.9129, 37.4044, 52.5849

Sweetspot

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



35.1738, 37.4061, 25.1054



70.6816, 74.7748, 70.9287



30.2968, 26.1509, 28.1078



15.1848, 16.0754, 14.9061



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.



35.1738, 37.4061, 25.1054



60.7199, 64.5323, 37.7628



35.0261, 40.9608, 25.7993



9.0101, 9.5327, 9.0176



19.1556, 18.8098, 2.6210



0.6462, 0.6789, 0.0970

Inverse Universe

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



25.7724, 26.0744, 45.2695



40.9471, 40.7071, 80.1944



25.8617, 23.4912, 44.7662



8.2122, 8.5705, 10.7278



6.4749, 3.7501, 30.5196



0.2514, 0.2134, 0.9762

Previews

White Background



This preview shows how the XYZ color 35.1728, 37.4044, 25.1046 looks on a white background.

Color Contrast Check

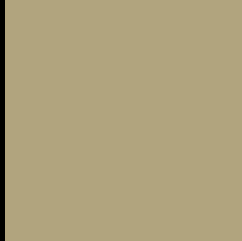
Large Text (above 18pt) WCAG AA × Fail

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 35.1728, 37.4044, 25.1046 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

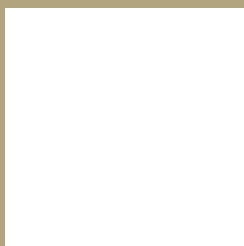
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1728, 37.4044, 25.1046

Background



This preview shows how black text looks on a background with the XYZ color 35.1728, 37.4044, 25.1046.



This preview shows how white text looks on a background with the XYZ color 35.1728, 37.4044,

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

35.1728, 37.4044, 25.1046

Protanopia

34.9459, 37.2874, 25.0940

Deuteranopia

38.0499, 37.3235, 25.2774



Tritanopia

38.7740, 37.3011, 43.1864

Trichromacy



Original Color

35.1728, 37.4044, 25.1046

Protanomaly

34.9459, 37.2874, 25.0940

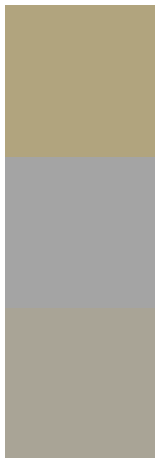
Deuteranomaly

36.8951, 37.2387, 25.3219

Tritanomaly

37.2259, 37.1780, 35.7859

Monochromacy



Original Color

35.1728, 37.4044, 25.1046

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.1427, 37.1879, 34.1799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1728, 37.4044, 25.1046 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, 164, 126)` looks like.

```
.text, #text, p{  
    color:rgb(177, 164, 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(177, 164, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 164, 126) }
```

Border

The CSS property to change the border of an element to XYZ 35.1728, 37.4044, 25.1046 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, 164, 126) }
```


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

```
.border{ border-color:rgb(177, 164, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 164, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 164, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 164, 126);  
box-shadow:4px 4px 4px 4px rgb(177, 164,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1728, 37.4044, 25.1046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 164, 126) }
```

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

```
.background{ background-color: rgb(177,  
164, 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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