

Converting Colors

XYZ(25.3881, 33.6938, 24.5866)

Have a look what the booklet for
XYZ(25.3881, 33.6938, 24.5866)
contains.

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Color

**XYZ(25.3609, 33.7082,
24.5717)**

Conversions

Conversions Part 1

Format	Color
Hex	76A97D
RGB	118, 169, 125
RGB Percent	46%, 66%, 49%
CMY	0.5372, 0.3372, 0.5098
CMYK	0.30, 0.00, 0.26, 0.34
HSL	128°, 23%, 56%
HSV	128°, 30%, 66%
XYZ	25.3609, 33.7082, 24.5717
YIQ	148.7350, -16.2720, -24.4960

Conversions

Conversions Part 2

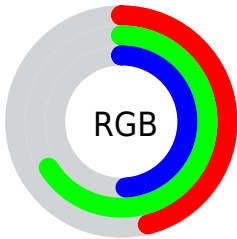
Format	Color
RYB	118, 163, 169
Decimal	7776637
CIELab	64.73, -26.08, 17.43
CIELCh	65, 31.367, 146.253
Yxy	33.7082, 0.3032, 0.4030
Android (android.graphics.Color)	4285966717 (0xFF76A97D)
YUV	148.7350, -11.7014, -26.9546
Hunter-Lab	58.0588, -23.6315, 15.5483

Details

The XYZ color **25.3609, 33.7082, 24.5717** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.3634, 24.0013, 37.2691**, and the grayscale version is **28.5090, 29.9937, 32.6631**.

A 20% lighter version of the original color is **51.4861, 65.1836, 51.9876**, and **9.9805, 14.4377, 9.0982** is the 20% darker color. If you saturate the color by 10%, you get **22.4042, 32.2848, 19.9230**, and if you desaturate by 10%, it is **28.8674, 35.4012, 29.9614**.

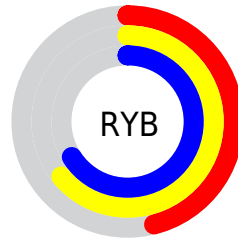
Distribution



Red (46%)

Green (66%)

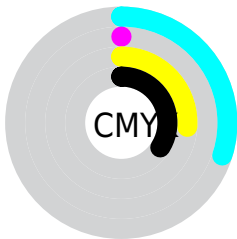
Blue (49%)



Red (46%)

Yellow (64%)

Blue (66%)

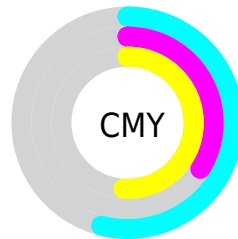


Cyan (30%)

Magenta (0%)

Yellow (26%)

Black (34%)



Cyan (54%)

Magenta (34%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3609, 33.7082, 24.5717 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 25.3609, 33.7082, 24.5717 by changing the saturation by 10% instead.

■ 25.3609, 33.7082,
24.5717

■ 25.3609, 33.7082,
24.5717

271.9451,
318.8290, 289.0773

■ 16.4763, 22.6695,
15.5421

■ 51.6808, 65.4796,
51.9170

■ 9.9548, 14.3497,
9.0499

■ 69.8468, 86.9812,
71.0698

■ 5.4310, 8.3643,
4.6765

■ 91.8373, 112.7392,
94.4342

■ 2.5397, 4.3289,
2.0033

118.0177,
143.1379, 122.4285

■ 0.9153, 1.8592,
0.5573

148.7533,
178.5619, 155.4715

■ 0.0000, 0.5237,
0.0000

184.4095,

■ 0.0000, 0.0000,

219.3955, 193.9816

0.0000

225.3517,
266.0230, 238.3773

■ 25.3609, 33.7082,
24.5717

■ 25.3609, 33.7082,
24.5717

■ 22.4042, 32.2848,
19.9230

■ 28.8674, 35.4012,
29.9614

■ 19.9667, 31.1129,
15.9808

■ 32.9468, 37.3721,
36.1201

■ 18.0190, 30.1792,
12.7111


■ 37.6244, 39.6344,
43.0773


■ 16.5273, 29.4670,
10.0764


■ 42.9230, 42.1991,
50.8599


■ 15.4540, 28.9577,
8.0353


■ 48.8642, 45.0770,
59.4940


 14.7548, 28.6296,
6.5416

 55.4686, 48.2780,
69.0042

 14.3453, 28.4399,
5.5544

 62.7560, 51.8119,
79.4143

 70.7451, 55.6879,
90.7471

 73.4786, 56.8573,
101.7095

Harmonies

Analogous

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



28.3569, 33.7082, 18.6433



25.3609, 33.7082, 24.5717



24.1474, 33.7082, 35.1047

Triad

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



25.3609, 33.7082, 24.5717



31.4758, 33.7082, 67.4482



40.4542, 33.7082, 26.7844

Complementary

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



25.3609, 33.7082, 24.5717



29.3634, 24.0013, 37.2691

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.



41.4852, 33.7082, 38.3480



25.3609, 33.7082, 24.5717



36.0259, 33.7082, 63.7571

Square

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



25.3609, 33.7082, 24.5717



27.4625, 33.7082, 61.4425



39.7963, 33.7082, 52.2847



37.0968, 33.7082, 19.6948

Rectangle

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



25.3609, 33.7082, 24.5717



24.4198, 33.7082, 44.0945



39.7963, 33.7082, 52.2847



41.0971, 33.7082, 30.1865

Sweetspot

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



25.3618, 33.7096, 24.5724



59.8056, 67.3162, 65.8873



32.4003, 37.3880, 22.6489



12.7948, 14.5558, 14.0008



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.



25.3618, 33.7096, 24.5724



41.8857, 58.6663, 38.4744



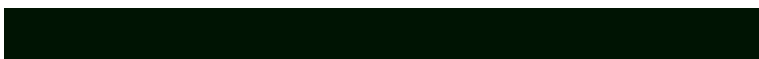
27.1895, 34.4407, 34.1968



7.4771, 8.4239, 8.2327



10.7032, 21.2000, 4.2038



0.2726, 0.5207, 0.1665

Inverse Universe

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



29.3634, 24.0013, 37.2691



50.1757, 38.5428, 64.7692



27.3355, 23.1902, 26.5904



7.7970, 7.6486, 9.2480



16.0647, 7.8346, 20.9499



0.4026, 0.1953, 0.5717

Previews

White Background



This preview shows how the XYZ color 25.3609, 33.7082, 24.5717 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 25.3609, 33.7082, 24.5717 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 25.3609, 33.7082, 24.5717

Background



This preview shows how black text looks on a background with the XYZ color 25.3609, 33.7082, 24.5717.



This preview shows how white text looks on a background with the XYZ color 25.3609, 33.7082,

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

25.3609, 33.7082, 24.5717

Protanopia

31.1546, 33.3243, 22.2430

Deuteranopia

33.9248, 33.2214, 25.3932



Tritanopia

29.5603, 33.5250, 45.4704

Trichromacy



Original Color

25.3609, 33.7082, 24.5717

Protanomaly

28.5905, 33.2598, 23.0021

Deuteranomaly

30.0538, 32.9416, 25.1964

Tritanomaly

27.8531, 33.6297, 36.9214

Monochromacy



Original Color

25.3609, 33.7082, 24.5717

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.1033, 31.0737, 29.3803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3609, 33.7082, 24.5717 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(118, 169, 125)` looks like.

```
.text, #text, p{  
    color:rgb(118, 169, 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(118, 169, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 169, 125) }
```

Border

The CSS property to change the border of an element to XYZ 25.3609, 33.7082, 24.5717 is called "border". The border property can be set on classes, ids or directly on the HTML element.

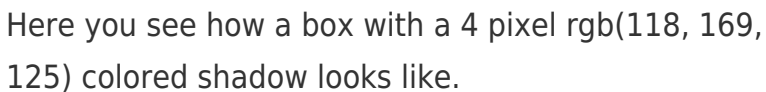
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 169, 125) }
```


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

```
.border{ border-color:rgb(118, 169, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 169, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 169, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 169, 125); box-shadow:4px 4px 4px 4px rgb(118, 169, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3609, 33.7082, 24.5717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 169, 125) }
```

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

```
.background{ background-color: rgb(118,  
169, 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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