

Converting Colors

XYZ(25.0270, 32.7721, 24.4552)

Have a look what the booklet for
XYZ(25.0270, 32.7721, 24.4552)
contains.

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Color

**XYZ(24.9456, 32.6750,
24.3942)**

Conversions

Conversions Part 1

Format	Color
Hex	77A67D
RGB	119, 166, 125
RGB Percent	47%, 65%, 49%
CMY	0.5333, 0.3490, 0.5098
CMYK	0.28, 0.00, 0.25, 0.35
HSL	128°, 21%, 56%
HSV	128°, 28%, 65%
XYZ	24.9456, 32.6750, 24.3942
YIQ	147.2730, -14.8510, -22.7150

Conversions

Conversions Part 2

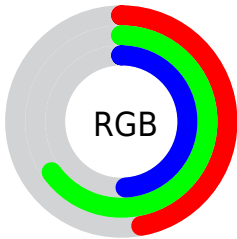
Format	Color
RYB	119, 161, 166
Decimal	7841405
CIELab	63.90, -24.26, 16.28
CIELCh	64, 29.215, 146.128
Yxy	32.6750, 0.3042, 0.3984
Android (android.graphics.Color)	4286031485 (0xFF77A67D)
YUV	147.2730, -10.9806, -24.7954
Hunter-Lab	57.1621, -22.1359, 14.7111

Details

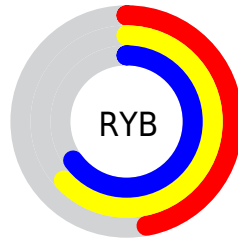
The XYZ color **24.9456, 32.6750, 24.3942** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.6689, 23.8393, 36.3493**, and the grayscale version is **27.8953, 29.3480, 31.9600**.

A 20% lighter version of the original color is **50.9056, 63.6979, 51.7314**, and **9.7761, 13.8216, 8.9901** is the 20% darker color. If you saturate the color by 10%, you get **22.0047, 31.2591, 19.7747**, and if you desaturate by 10%, it is **28.4211, 34.3528, 29.7442**.

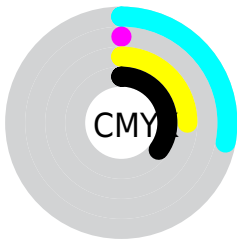
Distribution



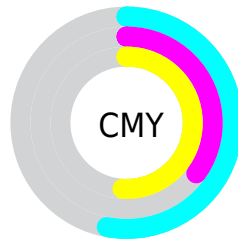
- Red (47%)
- Green (65%)
- Blue (49%)



- Red (47%)
- Yellow (63%)
- Blue (65%)



- Cyan (28%)
- Magenta (0%)
- Yellow (25%)
- Black (35%)



- Cyan (53%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9456, 32.6750, 24.3942 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 24.9456, 32.6750, 24.3942 by changing the saturation by 10% instead.

■ 24.9456, 32.6750,
24.3942

■ 24.9456, 32.6750,
24.3942

269.9196,
314.1827, 288.1579

■ 16.1650, 21.8776,
15.4114

■ 51.0125, 63.8678,
51.6246

■ 9.7326, 13.7670,
8.9588

■ 69.0295, 85.0320,
70.7093

■ 5.2829, 7.9588,
4.6179

■ 90.8561, 110.4205,
93.9983

■ 2.4507, 4.0686,
1.9701

116.8576,
140.4178, 121.9102

■ 0.8704, 1.7120,
0.5368

147.3993,
175.4083, 154.8636

■ 0.0000, 0.4314,
0.0000

182.8466,

■ 0.0000, 0.0000,

215.7764, 193.2770

0.0000

223.5649,
261.9064, 237.5689

■ 24.9456, 32.6750,
24.3942

■ 24.9456, 32.6750,
24.3942

■ 22.0047, 31.2591,
19.7747

■ 28.4211, 34.3528,
29.7442

■ 19.5694, 30.0879,
15.8520

■ 32.4532, 36.3004,
35.8521

■ 17.6115, 29.1487,
12.5929

■ 37.0659, 38.5305,
42.7468

■ 16.0995, 28.4259,
9.9606

■ 42.2811, 41.0538,
50.4548

■ 14.9977, 27.9021,
7.9149

■ 48.1193, 43.8805,
59.0015

■ 14.2650, 27.5569,
6.4107

■ 54.6004, 47.0200,
68.4109

■ 13.8330, 27.3562,
5.3956

■ 61.7430, 50.4817,
78.7066

■ 13.7740, 27.3285,
5.2679

■ 69.5653, 54.2743,
89.9107

■ 72.9268, 55.7537,
101.5256

Harmonies

Analogous

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



27.7044, 32.6750, 18.8789



24.9456, 32.6750, 24.3942



23.8195, 32.6750, 34.0708

Triad

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



24.9456, 32.6750, 24.3942



30.5260, 32.6750, 63.2773



38.7069, 32.6750, 26.5112

Complementary

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



24.9456, 32.6750, 24.3942



28.6689, 23.8393, 36.3493

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.



39.6286, 32.6750, 37.1280



24.9456, 32.6750, 24.3942



34.6689, 32.6750, 60.0153

Square

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



24.9456, 32.6750, 24.3942



26.8565, 32.6750, 57.8753



38.0920, 32.6750, 49.7432



35.6732, 32.6750, 19.8985

Rectangle

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



24.9456, 32.6750, 24.3942



24.0659, 32.6750, 42.2431



38.0920, 32.6750, 49.7432



39.2848, 32.6750, 29.6528

Sweetspot

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



24.9465, 32.6764, 24.3949



59.0268, 65.9417, 65.2608



31.5680, 36.1329, 22.7635



12.9538, 14.6332, 14.2199



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.



24.9465, 32.6764, 24.3949



41.7912, 57.6237, 38.8251



26.5889, 33.3333, 33.0436



7.4743, 8.4228, 8.2178



10.6908, 21.1951, 4.1384



0.2715, 0.5203, 0.1609

Inverse Universe

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



28.6689, 23.8393, 36.3493



49.6760, 38.8966, 64.1401



26.8402, 23.1079, 26.7195



7.8001, 7.6499, 9.2644



16.1583, 7.8720, 21.4428



0.4042, 0.1960, 0.5801

Previews

White Background



This preview shows how the XYZ color 24.9456, 32.6750, 24.3942 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 24.9456, 32.6750, 24.3942 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 24.9456, 32.6750, 24.3942

Background



This preview shows how black text looks on a background with the XYZ color 24.9456, 32.6750, 24.3942.



This preview shows how white text looks on a background with the XYZ color 24.9456, 32.6750,

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

24.9456, 32.6750, 24.3942

Protanopia

30.4024, 32.4424, 22.1124

Deuteranopia

32.9124, 32.2298, 25.2552



Tritanopia

28.9193, 32.7094, 43.8191

Trichromacy



Original Color

24.9456, 32.6750, 24.3942

Protanomaly

27.8908, 32.1301, 22.8209

Deuteranomaly

29.5223, 32.1693, 25.0754

Tritanomaly

27.2942, 32.5672, 35.8579

Monochromacy



Original Color

24.9456, 32.6750, 24.3942

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.5323, 30.2936, 28.8750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9456, 32.6750, 24.3942 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(119, 166, 125)` looks like.

```
.text, #text, p{  
    color:rgb(119, 166, 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(119, 166, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 166, 125) }
```

Border

The CSS property to change the border of an element to XYZ 24.9456, 32.6750, 24.3942 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(119, 166, 125) }
```


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

```
.border{ border-color:rgb(119, 166, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 166, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 166, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 166, 125);  
box-shadow:4px 4px 4px 4px rgb(119, 166,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9456, 32.6750, 24.3942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 166, 125) }
```

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

```
.background{ background-color: rgb(119,  
166, 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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