

Converting Colors

XYZ(25.7187, 32.4030, 24.4463)

Have a look what the booklet for
XYZ(25.7187, 32.4030, 24.4463)
contains.

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Color

**XYZ(25.7295, 32.5436,
24.3275)**

Conversions

Conversions Part 1

Format	Color
Hex	7FA47D
RGB	127, 164, 125
RGB Percent	50%, 64%, 49%
CMY	0.5020, 0.3568, 0.5098
CMYK	0.23, 0.00, 0.24, 0.36
HSL	117°, 18%, 57%
HSV	117°, 24%, 64%
XYZ	25.7295, 32.5436, 24.3275
YIQ	148.4910, -9.5330, -19.9730

Conversions

Conversions Part 2

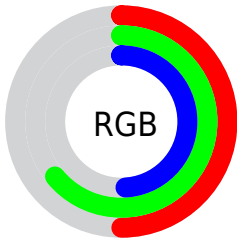
Format	Color
RYB	125, 164, 162
Decimal	8365181
CIELab	63.79, -20.48, 16.21
CIElCh	64, 26.114, 141.635
Yxy	32.5436, 0.3115, 0.3940
Android (android.graphics.Color)	4286555261 (0xFF7FA47D)
YUV	148.4910, -11.5811, -18.8476
Hunter-Lab	57.0470, -19.3247, 14.6489

Details

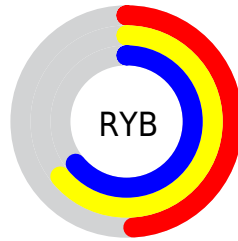
The XYZ color **25.7295, 32.5436, 24.3275** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.9362, 25.0299, 38.4298**, and the grayscale version is **28.4040, 29.8832, 32.5428**.

A 20% lighter version of the original color is **52.1898, 63.5807, 51.6411**, and **10.1592, 13.6879, 8.9441** is the 20% darker color. If you saturate the color by 10%, you get **22.6262, 31.0559, 19.1576**, and if you desaturate by 10%, it is **29.3655, 34.2878, 30.4268**.

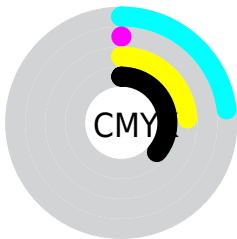
Distribution



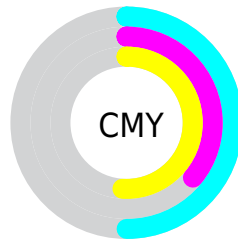
- Red (50%)
- Green (64%)
- Blue (49%)



- Red (49%)
- Yellow (64%)
- Blue (64%)



- Cyan (23%)
- Magenta (0%)
- Yellow (24%)
- Black (36%)



- Cyan (50%)
- Magenta (36%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7295, 32.5436, 24.3275 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 25.7295, 32.5436, 24.3275 by changing the saturation by 10% instead.

■ 25.7295, 32.5436,
24.3275

■ 25.7295, 32.5436,
24.3275

273.7328,
313.5881, 287.8118

■ 16.7530, 21.7770,
15.3623

■ 52.2727, 63.6623,
51.5146

■ 10.1528, 13.6932,
8.9246

■ 70.5700, 84.7833,
70.5736

■ 5.5634, 7.9076,
4.5959

■ 92.7051, 110.1245,
93.8343

■ 2.6196, 4.0359,
1.9576

119.0431,
140.0703, 121.7152

■ 0.9559, 1.6936,
0.5290

149.9496,
175.0052, 154.6348

■ 0.0000, 0.4195,
0.0000

185.7898,

■ 0.0000, 0.0000,

215.3136, 193.0118

0.0000

226.9291,
261.3797, 237.2646

■ 25.7295, 32.5436,
24.3275

■ 25.7295, 32.5436,
24.3275

■ 22.6262, 31.0559,
19.1576

■ 29.3655, 34.2878,
30.4268

■ 20.0280, 29.8088,
14.8694

■ 33.5548, 36.2953,
37.4957

■ 17.9092, 28.7907,
11.4144


■ 38.3202, 38.5780,
45.5746


■ 16.2402, 27.9878,
8.7385


■ 43.6822, 41.1458,
54.7011

■ 14.9885, 27.3846,
6.7813


■ 49.6605, 44.0080,
64.9106


 14.1173, 26.9635,
5.4732

 56.2739, 47.1734,
76.2371

 13.5830, 26.7039,
4.7314

 63.5403, 50.6508,
88.7132

 13.3813, 26.6064,
4.4303

 71.2823, 54.3704,
101.3453

 72.5661, 55.0322,
101.4054

Harmonies

Analogous

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



28.4059, 32.5436, 19.7920



25.7295, 32.5436, 24.3275



24.4712, 32.5436, 32.5791

Triad

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



25.7295, 32.5436, 24.3275



29.9180, 32.5436, 59.3833



37.9545, 32.5436, 28.5030

Complementary

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



25.7295, 32.5436, 24.3275



28.9362, 25.0299, 38.4298

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.



38.4396, 32.5436, 38.4519



25.7295, 32.5436, 24.3275



33.6029, 32.5436, 57.6967

Square

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



25.7295, 32.5436, 24.3275



26.7613, 32.5436, 53.7282



36.7917, 32.5436, 49.4927



35.5143, 32.5436, 21.8505

Rectangle

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



25.7295, 32.5436, 24.3275



24.5310, 32.5436, 39.6619



36.7917, 32.5436, 49.4927



38.3589, 32.5436, 31.5186

Sweetspot

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



25.7304, 32.5450, 24.3282



58.2426, 64.6034, 63.5583



31.8278, 35.0046, 24.4816



12.6404, 14.0792, 13.7388



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.



25.7304, 32.5450, 24.3282



43.3401, 57.4590, 38.5474



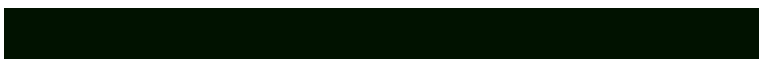
26.6089, 32.8624, 30.4934



7.0176, 7.9116, 7.5373



10.2722, 20.4060, 3.3974



0.2253, 0.4337, 0.0718

Inverse Universe

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



28.9362, 25.0299, 38.4298



50.2733, 41.1996, 69.0550



27.9189, 24.6703, 30.9364



7.3283, 7.1836, 8.9034



15.6025, 7.4499, 27.5454



0.3380, 0.1618, 0.5793

Previews

White Background



This preview shows how the XYZ color 25.7295, 32.5436, 24.3275 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 25.7295, 32.5436, 24.3275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

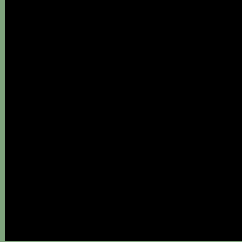
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.7295, 32.5436, 24.3275

Background



This preview shows how black text looks on a background with the XYZ color 25.7295, 32.5436, 24.3275.



This preview shows how white text looks on a background with the XYZ color 25.7295, 32.5436,

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

25.7295, 32.5436, 24.3275

Protanopia

30.2556, 32.3598, 22.4207

Deuteranopia

32.8463, 32.2033, 24.9067



Tritanopia

29.5692, 32.5449, 43.2514

Trichromacy



Original Color

25.7295, 32.5436, 24.3275

Protanomaly

28.5022, 32.4382, 23.1713

Deuteranomaly

29.6844, 32.0144, 24.6935

Tritanomaly

27.9193, 32.3802, 35.3504

Monochromacy



Original Color

25.7295, 32.5436, 24.3275

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.1044, 30.5801, 29.2849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7295, 32.5436, 24.3275 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(127, 164, 125)` looks like.

```
.text, #text, p{  
    color:rgb(127, 164, 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(127, 164, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 164, 125) }
```

Border

The CSS property to change the border of an element to XYZ 25.7295, 32.5436, 24.3275 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(127, 164, 125) }
```


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

```
.border{ border-color:rgb(127, 164, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 164, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 164, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 164, 125);  
box-shadow:4px 4px 4px 4px rgb(127, 164,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7295, 32.5436, 24.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 164, 125) }
```

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

```
.background{ background-color: rgb(127,  
164, 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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