

Converting Colors

XYZ(25.7910, 32.1191, 24.6833)

Have a look what the booklet for
XYZ(25.7910, 32.1191, 24.6833)
contains.

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Color

**XYZ(25.7395, 32.0141,
24.5614)**

Conversions

Conversions Part 1

Format	Color
Hex	81A27E
RGB	129, 162, 126
RGB Percent	51%, 64%, 49%
CMY	0.4941, 0.3647, 0.5059
CMYK	0.20, 0.00, 0.22, 0.36
HSL	115°, 16%, 56%
HSV	115°, 22%, 64%
XYZ	25.7395, 32.0141, 24.5614
YIQ	148.0290, -8.1120, -18.1920

Conversions

Conversions Part 2

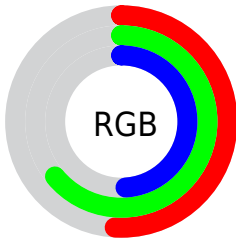
Format	Color
RYB	126, 162, 159
Decimal	8495742
CIELab	63.35, -18.56, 15.07
CIElCh	63, 23.906, 140.921
Yxy	32.0141, 0.3127, 0.3889
Android (android.graphics.Color)	4286685822 (0xFF81A27E)
YUV	148.0290, -10.8603, -16.6884
Hunter-Lab	56.5810, -17.8146, 13.8693

Details

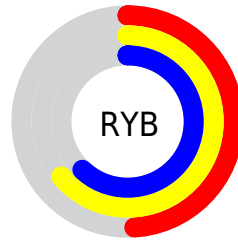
The XYZ color **25.7395, 32.0141, 24.5614** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.2817, 24.9022, 37.5000**, and the grayscale version is **28.2074, 29.6764, 32.3176**.

A 20% lighter version of the original color is **52.2409, 62.8255, 52.0210**, and **10.1399, 13.3499, 9.0635** is the 20% darker color. If you saturate the color by 10%, you get **22.6836, 30.5508, 19.3965**, and if you desaturate by 10%, it is **29.2943, 33.7169, 30.6347**.

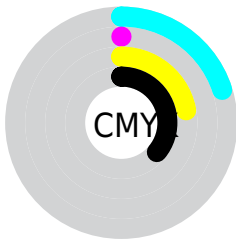
Distribution



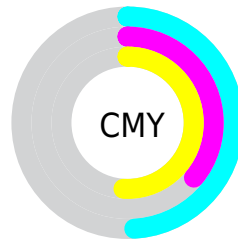
- Red (51%)
- Green (64%)
- Blue (49%)



- Red (49%)
- Yellow (64%)
- Blue (62%)



- Cyan (20%)
- Magenta (0%)
- Yellow (22%)
- Black (36%)



- Cyan (49%)
- Magenta (36%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7395, 32.0141, 24.5614 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 25.7395, 32.0141, 24.5614 by changing the saturation by 10% instead.

■ 25.7395, 32.0141,
24.5614

■ 25.7395, 32.0141,
24.5614

273.7812,
311.1835, 289.0240

■ 16.7605, 21.3723,
15.5345

■ 52.2887, 62.8332,
51.9001

■ 10.1581, 13.3964,
9.0446

■ 70.5896, 83.7792,
71.0489

■ 5.5670, 7.7021,
4.6731

■ 92.7286, 108.9288,
94.4089

■ 2.6218, 3.9049,
2.0014

119.0709,
138.6663, 122.3985

■ 0.9571, 1.6205,
0.5561

149.9820,
173.3762, 155.4363

■ 0.0000, 0.3714,
0.0000

185.8271,

■ 0.0000, 0.0000,

213.4427, 193.9407

0.0000

226.9717,
259.2503, 238.3305

■ 25.7395, 32.0141,
24.5614

■ 25.7395, 32.0141,
24.5614

■ 22.6836, 30.5508,
19.3965

■ 29.2943, 33.7169,
30.6347

■ 20.1019, 29.3124,
15.0944

■ 33.3662, 35.6649,
37.6550

■ 17.9712, 28.2890,
11.6087

■ 37.9759, 37.8688,
45.6609

■ 16.2656, 27.4682,
8.8878

■ 43.1417, 40.3374,
54.6886

■ 14.9564, 26.8365,
6.8743

■ 48.8816, 43.0792,
64.7723

■ 14.0113, 26.3786,
5.5026

■ 55.2123, 46.1021,
75.9446

■ 13.3931, 26.0772,
4.6949

■ 62.1502, 49.4138,
88.2367

■ 13.0943, 25.9313,
4.3151

■ 69.6134, 52.9828,
101.1654

■ 72.2109, 54.3219,
101.2870

Harmonies

Analogous

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



28.2066, 32.0141, 20.4243



25.7395, 32.0141, 24.5614



24.5530, 32.0141, 32.0534

Triad

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



25.7395, 32.0141, 24.5614



29.4328, 32.0141, 56.1937



36.7855, 32.0141, 28.7318

Complementary

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



25.7395, 32.0141, 24.5614



28.2817, 24.9022, 37.5000

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.



37.1735, 32.0141, 37.8214



25.7395, 32.0141, 24.5614



32.7640, 32.0141, 54.8628

Square

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



25.7395, 32.0141, 24.5614



26.5810, 32.0141, 51.0533



35.6548, 32.0141, 47.6920



34.6303, 32.0141, 22.5105

Rectangle

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



25.7395, 32.0141, 24.5614



24.5839, 32.0141, 38.4356



35.6548, 32.0141, 47.6920



37.1328, 32.0141, 31.5094

Sweetspot

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



25.7403, 32.0155, 24.5621



56.8220, 62.9509, 61.8799



31.0657, 33.9855, 24.6617



12.6704, 14.0947, 13.7402



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.



25.7403, 32.0155, 24.5621



43.6818, 56.6602, 39.4269



26.3332, 32.2007, 30.0276



7.0377, 7.9219, 7.5382



10.3321, 20.4369, 3.4002



0.2325, 0.4374, 0.0722

Inverse Universe

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



28.2817, 24.9022, 37.5000



49.1796, 41.2633, 67.4287



27.6287, 24.7105, 30.9182



7.3059, 7.1720, 8.9024



14.8486, 7.0612, 27.5101



0.3279, 0.1566, 0.5788

Previews

White Background



This preview shows how the XYZ color 25.7395, 32.0141, 24.5614 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 25.7395, 32.0141, 24.5614 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 25.7395, 32.0141, 24.5614

Background



This preview shows how black text looks on a background with the XYZ color 25.7395, 32.0141, 24.5614.



This preview shows how white text looks on a background with the XYZ color 25.7395, 32.0141,

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

25.7395, 32.0141, 24.5614

Protanopia

30.0083, 31.9741, 23.0024

Deuteranopia

32.3007, 31.6825, 25.1818



Tritanopia

29.2032, 31.8757, 42.1496

Trichromacy



Original Color

25.7395, 32.0141, 24.5614

Protanomaly

28.2261, 31.7863, 23.3866

Deuteranomaly

29.4226, 31.3859, 24.9294

Tritanomaly

27.6495, 31.7402, 34.8062

Monochromacy



Original Color

25.7395, 32.0141, 24.5614

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.1094, 30.3386, 29.2381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7395, 32.0141, 24.5614 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(129, 162, 126)` looks like.

```
.text, #text, p{  
    color:rgb(129, 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(129, 162, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 162, 126) }
```

Border

The CSS property to change the border of an element to XYZ 25.7395, 32.0141, 24.5614 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(129, 162, 126) }
```


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

```
.border{ border-color:rgb(129, 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(129, 162, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 162, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 162, 126);  
box-shadow:4px 4px 4px 4px rgb(129, 162,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7395, 32.0141, 24.5614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 162, 126) }
```

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

```
.background{ background-color: rgb(129,  
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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