

Converting Colors

XYZ(24.3603, 31.6869, 24.7195)

Have a look what the booklet for
XYZ(24.3603, 31.6869, 24.7195)
contains.

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Color

**XYZ(24.1992, 31.4827,
24.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	75A37E
RGB	117, 163, 126
RGB Percent	46%, 64%, 49%
CMY	0.5412, 0.3608, 0.5059
CMYK	0.28, 0.00, 0.23, 0.36
HSL	132°, 20%, 55%
HSV	132°, 28%, 64%
XYZ	24.1992, 31.4827, 24.5400
YIQ	145.0280, -15.5390, -21.2590

Conversions

Conversions Part 2

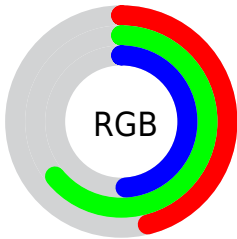
Format	Color
RYB	117, 155, 163
Decimal	7709566
CIELab	62.91, -23.24, 14.34
CIElCh	63, 27.311, 148.317
Yxy	31.4827, 0.3017, 0.3924
Android (android.graphics.Color)	4285899646 (0xFF75A37E)
YUV	145.0280, -9.3808, -24.5806
Hunter-Lab	56.1094, -21.2070, 13.3456

Details

The XYZ color **24.1992, 31.4827, 24.5400** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.2993, 22.8428, 33.5434**, and the grayscale version is **26.9671, 28.3715, 30.8966**.

A 20% lighter version of the original color is **49.7857, 61.9435, 51.9801**, and **9.3387, 13.0980, 9.0571** is the 20% darker color. If you saturate the color by 10%, you get **21.4056, 30.1349, 20.2789**, and if you desaturate by 10%, it is **27.4867, 33.0741, 29.4045**.

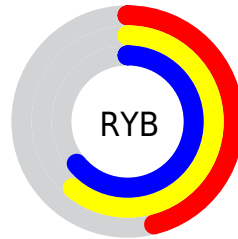
Distribution



Red (46%)

Green (64%)

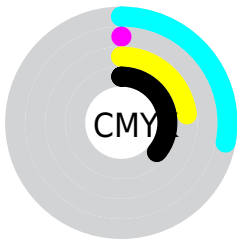
Blue (49%)



Red (46%)

Yellow (61%)

Blue (64%)

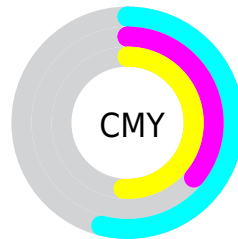


Cyan (28%)

Magenta (0%)

Yellow (23%)

Black (36%)



Cyan (54%)

Magenta (36%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1992, 31.4827, 24.5400 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 24.1992, 31.4827, 24.5400 by changing the saturation by 10% instead.

■ 24.1992, 31.4827,
24.5400

■ 24.1992, 31.4827,
24.5400

266.2478,
308.7560, 288.9133

■ 15.6070, 20.9667,
15.5188

■ 49.8074, 61.9992,
51.8648

■ 9.3356, 13.0997,
9.0336

■ 67.5541, 82.7686,
71.0055

■ 5.0196, 7.4972,
4.6660

■ 89.0829, 107.7244,
94.3564

■ 2.2936, 3.7749,
1.9974

114.7594,
137.2513, 122.3361

■ 0.7914, 1.5485,
0.5537

144.9487,
171.7334, 155.3630

■ 0.0000, 0.3225,
0.0000

180.0164,

■ 0.0000, 0.0000,

211.5554, 193.8559

0.0000

220.3276,
257.1014, 238.2331

■ 24.1992, 31.4827,
24.5400

■ 24.1992, 31.4827,
24.5400

■ 21.4056, 30.1349,
20.2789

■ 27.4867, 33.0741,
29.4045

■ 19.0795, 29.0148,
16.5955

■ 31.2881, 34.9163,
34.8924

■ 17.1955, 28.1109,
13.4656

■ 35.6252, 37.0209,
41.0254

■ 15.7249, 27.4089,
10.8623

■ 40.5178, 39.3977,
47.8236

■ 14.6355, 26.8928,
8.7565

■ 45.9846, 42.0560,
55.3062

■ 13.8902, 26.5441,
7.1163

■ 52.0437, 45.0047,
63.4915

■ 13.4261, 26.3312,
5.9051

■ 58.7122, 48.2522,
72.3974

■ 13.3571, 26.2994,
5.7312

■ 66.0064, 51.8066,
82.0408

■ 70.6672, 53.9874,
92.2851

Harmonies

Analogous

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



26.6329, 31.4827, 19.1286



24.1992, 31.4827, 24.5400



23.2813, 31.4827, 33.6765

Triad

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



24.1992, 31.4827, 24.5400



29.7121, 31.4827, 59.3306



36.7279, 31.4827, 25.3902

Complementary

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



24.1992, 31.4827, 24.5400



27.2993, 22.8428, 33.5434

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.



37.7219, 31.4827, 34.8893



24.1992, 31.4827, 24.5400



33.4743, 31.4827, 55.8528

Square

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



24.1992, 31.4827, 24.5400



26.2950, 31.4827, 55.0173



36.4857, 31.4827, 46.3048



33.8711, 31.4827, 19.5426

Rectangle

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



24.1992, 31.4827, 24.5400



23.5889, 31.4827, 41.1846



36.4857, 31.4827, 46.3048



37.3010, 31.4827, 28.1925

Sweetspot

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



24.2000, 31.4840, 24.5407



56.0856, 62.5554, 62.5631



29.7439, 34.4061, 21.9032



12.3607, 13.9353, 13.7141



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.



24.2000, 31.4840, 24.5407



40.0324, 54.7860, 38.9357



25.8139, 32.1296, 33.0394



7.0396, 7.9166, 7.8202



10.3939, 20.4439, 4.5246



0.2330, 0.4354, 0.1721

Inverse Universe

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



27.2993, 22.8428, 33.5434



46.5268, 36.6679, 57.7920



25.6017, 22.1638, 24.6039



7.3046, 7.1783, 8.5906



14.9445, 7.3339, 17.4303



0.3284, 0.1598, 0.4418

Previews

White Background



This preview shows how the XYZ color 24.1992, 31.4827, 24.5400 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 24.1992, 31.4827, 24.5400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

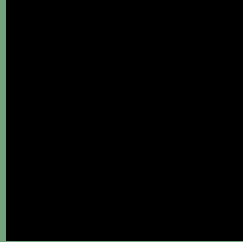
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.1992, 31.4827, 24.5400

Background



This preview shows how black text looks on a background with the XYZ color 24.1992, 31.4827, 24.5400.



This preview shows how white text looks on a background with the XYZ color 24.1992, 31.4827,

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

24.1992, 31.4827, 24.5400

Protanopia

29.1547, 31.0664, 22.2291

Deuteranopia

31.7637, 31.1681, 25.4610



Tritanopia

27.7701, 31.3762, 42.6228

Trichromacy



Original Color

24.1992, 31.4827, 24.5400

Protanomaly

26.9113, 30.8676, 22.9520

Deuteranomaly

28.3276, 30.8138, 25.2235

Tritanomaly

26.2569, 31.2669, 35.2231

Monochromacy



Original Color

24.1992, 31.4827, 24.5400

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.8074, 29.4423, 28.3675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1992, 31.4827, 24.5400 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(117, 163, 126)` looks like.

```
.text, #text, p{  
    color:rgb(117, 163, 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(117, 163, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 163, 126) }
```

Border

The CSS property to change the border of an element to XYZ 24.1992, 31.4827, 24.5400 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(117, 163, 126) }
```


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

```
.border{ border-color:rgb(117, 163, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 163, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 163, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 163, 126);  
box-shadow:4px 4px 4px 4px rgb(117, 163,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1992, 31.4827, 24.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 163, 126) }
```

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

```
.background{ background-color: rgb(117,  
163, 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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