

Converting Colors

XYZ(24.9459, 32.2251, 27.3914)

Have a look what the booklet for
XYZ(24.9459, 32.2251, 27.3914)
contains.

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Color

**XYZ(25.0943, 32.4134,
27.4881)**

Conversions

Conversions Part 1

Format	Color
Hex	75A586
RGB	117, 165, 134
RGB Percent	46%, 65%, 53%
CMY	0.5412, 0.3529, 0.4745
CMYK	0.29, 0.00, 0.19, 0.35
HSL	141°, 21%, 55%
HSV	141°, 29%, 65%
XYZ	25.0943, 32.4134, 27.4881
YIQ	147.1140, -18.6570, -19.8170

Conversions

Conversions Part 2

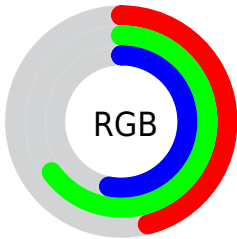
Format	Color
RYB	117, 152, 165
Decimal	7710086
CIELab	63.68, -22.70, 10.98
CIELCh	64, 25.217, 154.184
Yxy	32.4134, 0.2952, 0.3814
Android (android.graphics.Color)	4285900166 (0xFF75A586)
YUV	147.1140, -6.4652, -26.4100
Hunter-Lab	56.9328, -20.9548, 11.2267

Details

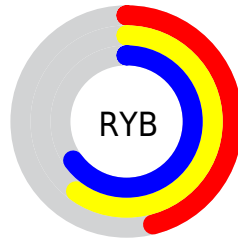
The XYZ color **25.0943, 32.4134, 27.4881** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.2247, 22.8607, 30.9958**, and the grayscale version is **27.8124, 29.2608, 31.8650**.

A 20% lighter version of the original color is **51.1404, 63.3203, 56.5404**, and **9.8201, 13.6436, 10.5034** is the 20% darker color. If you saturate the color by 10%, you get **22.3636, 31.0882, 23.6742**, and if you desaturate by 10%, it is **28.2925, 33.9728, 31.7163**.

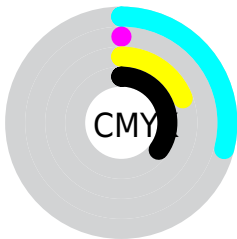
Distribution



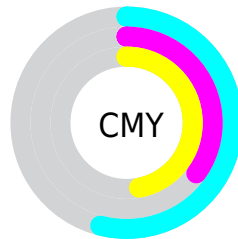
- Red (46%)
- Green (65%)
- Blue (53%)



- Red (46%)
- Yellow (60%)
- Blue (65%)



- Cyan (29%)
- Magenta (0%)
- Yellow (19%)
- Black (35%)





- Cyan (54%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0943, 32.4134, 27.4881 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 25.0943, 32.4134, 27.4881 by changing the saturation by 10% instead.


 25.0943, 32.4134,
27.4881


 25.0943, 32.4134,
27.4881

270.6462,
312.9981, 303.8473


 16.2764, 21.6775,
17.7045


 51.2520, 63.4586,
56.6793

 9.8121, 13.6201,
10.5708


 69.3225, 84.5367,
76.9240

 5.3358, 7.8569,
5.6685


 91.2079, 109.8309,
101.4928

 2.4824, 4.0035,
2.5791

117.2736,
139.7256, 130.8043

 0.8864, 1.6755,
0.8816

147.8849,
174.6054, 165.2769

 0.0000, 0.4077,
0.0000

183.4072,

 0.0000, 0.0000,

214.8544, 205.3293

0.0000

224.2059,
260.8572, 251.3799

■ 25.0943, 32.4134,
27.4881

■ 25.0943, 32.4134,
27.4881

■ 22.3636, 31.0882,
23.6742

■ 28.2925, 33.9728,
31.7163

■ 20.0750, 29.9816,
20.2599

■ 31.9766, 35.7728,
36.3686

■ 18.2048, 29.0825,
17.2326

■ 36.1674, 37.8250,
41.4573

■ 16.7255, 28.3771,
14.5784

■ 40.8835, 40.1386,
46.9935

■ 15.6067, 27.8500,
12.2824

■ 46.1427, 42.7225,
52.9878

■ 14.8126, 27.4831,
10.3287

■ 51.9618, 45.5854,
59.4506

■ 14.2745, 27.2412,
8.6988

■ 58.3569, 48.7352,
66.3918

■ 14.2307, 27.2215,
8.5659

■ 65.3437, 52.1798,
73.8211

■ 68.9661, 53.8797,
81.5621

Harmonies

Analogous

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



27.1505, 32.4134, 21.5338



25.0943, 32.4134, 27.4881



24.5238, 32.4134, 36.7297

Triad

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



25.0943, 32.4134, 27.4881



31.3057, 32.4134, 58.4392



36.7692, 32.4134, 25.4611

Complementary

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



25.0943, 32.4134, 27.4881



27.2247, 22.8607, 30.9958

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.



38.0832, 32.4134, 33.8936



25.0943, 32.4134, 27.4881



34.7800, 32.4134, 53.9336

Square

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



25.0943, 32.4134, 27.4881



27.9464, 32.4134, 55.8367



37.3291, 32.4134, 44.4502



33.8585, 32.4134, 20.5298

Rectangle

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



25.0943, 32.4134, 27.4881



25.0231, 32.4134, 43.8678



37.3291, 32.4134, 44.4502



37.4220, 32.4134, 27.9149

Sweetspot

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



25.0952, 32.4148, 27.4888



57.2138, 64.0386, 65.0669



28.9161, 34.5107, 21.9671



12.2964, 13.8966, 13.9621



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.



25.0952, 32.4148, 27.4888



41.6460, 56.4484, 44.6720



26.9466, 33.1553, 37.2383



7.0843, 7.9346, 8.0559



10.7871, 20.6012, 6.5953



0.2485, 0.4416, 0.2537

Inverse Universe

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



27.2247, 22.8607, 30.9958



46.0952, 36.4739, 51.9893



25.5300, 22.1828, 22.0717



7.2573, 7.1594, 8.3413



13.7535, 6.8575, 11.1585



0.3102, 0.1526, 0.3460

Previews

White Background



This preview shows how the XYZ color 25.0943, 32.4134, 27.4881 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 25.0943, 32.4134, 27.4881 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 25.0943, 32.4134, 27.4881

Background



This preview shows how black text looks on a background with the XYZ color 25.0943, 32.4134, 27.4881.



This preview shows how white text looks on a background with the XYZ color 25.0943, 32.4134,

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

25.0943, 32.4134, 27.4881

Protanopia

30.1878, 32.0224, 25.0119

Deuteranopia

32.6329, 32.0135, 28.5040



Tritanopia

28.4746, 32.4801, 43.7982

Trichromacy



Original Color

25.0943, 32.4134, 27.4881

Protanomaly

27.9403, 31.8366, 25.7916

Deuteranomaly

29.2078, 31.6896, 28.2442

Tritanomaly

27.1179, 32.4469, 37.1814

Monochromacy



Original Color

25.0943, 32.4134, 27.4881

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.5914, 30.2984, 30.0379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0943, 32.4134, 27.4881 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, 165, 134)` looks like.

```
.text, #text, p{  
    color:rgb(117, 165, 134)  
}
```

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, 165, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 165, 134) }
```

Border

The CSS property to change the border of an element to XYZ 25.0943, 32.4134, 27.4881 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, 165, 134) }
```


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

```
.border{ border-color:rgb(117, 165, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 165, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 165, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 165, 134);  
box-shadow:4px 4px 4px 4px rgb(117, 165,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0943, 32.4134, 27.4881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 165, 134) }
```

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

```
.background{ background-color: rgb(117,  
165, 134) }
```

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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