

Converting Colors

XYZ(25.4353, 30.9240, 27.4673)

Have a look what the booklet for
XYZ(25.4353, 30.9240, 27.4673)
contains.

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Color

**XYZ(25.5237, 31.0576,
27.5711)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9F87
RGB	127, 159, 135
RGB Percent	50%, 62%, 53%
CMY	0.5020, 0.3765, 0.4706
CMYK	0.20, 0.00, 0.15, 0.38
HSL	135°, 14%, 56%
HSV	135°, 20%, 62%
XYZ	25.5237, 31.0576, 27.5711
YIQ	146.6960, -11.3680, -14.2480

Conversions

Conversions Part 2

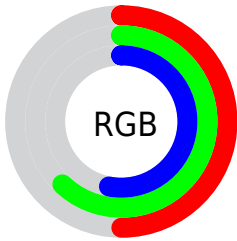
Format	Color
RYB	127, 153, 159
Decimal	8363911
CIELab	62.56, -16.02, 8.91
CIELCh	63, 18.335, 150.920
Yxy	31.0576, 0.3033, 0.3691
Android (android.graphics.Color)	4286553991 (0xFF7F9F87)
YUV	146.6960, -5.7661, -17.2734
Hunter-Lab	55.7293, -15.7744, 9.6779

Details

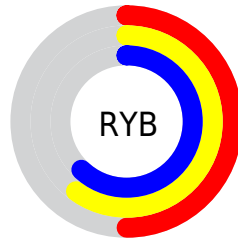
The XYZ color **25.5237, 31.0576, 27.5711** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.4745, 24.7848, 32.6155**, and the grayscale version is **27.6347, 29.0739, 31.6615**.

A 20% lighter version of the original color is **51.9461, 61.4273, 56.6958**, and **9.9580, 12.7490, 10.5303** is the 20% darker color. If you saturate the color by 10%, you get **22.5469, 29.6155, 23.2918**, and if you desaturate by 10%, it is **28.9701, 32.7326, 32.3647**.

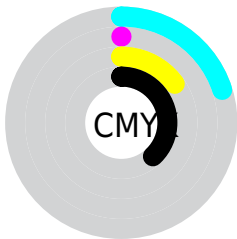
Distribution



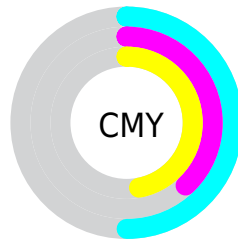
- Red (50%)
- Green (62%)
- Blue (53%)



- Red (50%)
- Yellow (60%)
- Blue (62%)



- Cyan (20%)
- Magenta (0%)
- Yellow (15%)
- Black (38%)



- Cyan (50%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5237, 31.0576, 27.5711 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 25.5237, 31.0576, 27.5711 by changing the saturation by 10% instead.

■ 25.5237, 31.0576,
27.5711

■ 25.5237, 31.0576,
27.5711

272.7358,
306.8036, 304.2589

■ 16.5985, 20.6427,
17.7664

■ 51.9424, 61.3307,
56.8138

■ 10.0421, 12.8631,
10.6147

■ 70.1665, 81.9578,
77.0888

■ 5.4894, 7.3343,
5.6975

■ 92.2209, 106.7577,
101.6911

■ 2.5748, 3.6721,
2.5962

118.4711,
136.1148, 131.0390

■ 0.9332, 1.4919,
0.8905

149.2823,
170.4136, 165.5512

■ 0.0000, 0.2830,
0.0000

185.0199,

■ 0.0000, 0.0000,

210.0384, 205.6463

0.0000

226.0493,
255.3736, 251.7427

■ 25.5237, 31.0576,
27.5711

■ 25.5237, 31.0576,
27.5711

■ 22.5469, 29.6155,
23.2918

■ 28.9701, 32.7326,
32.3647

■ 20.0164, 28.3922,
19.5076

■ 32.9027, 34.6462,
37.6869

■ 17.9111, 27.3778,
16.2012

■ 37.3406, 36.8088,
43.5538

■ 16.2068, 26.5605,
13.3536

■ 42.3011, 39.2289,
49.9803

■ 14.8770, 25.9269,
10.9442

■ 47.8005, 41.9147,
56.9808

■ 13.8918, 25.4621,
8.9511

■ 53.8546, 44.8740,
64.5691

■ 13.2165, 25.1487,
7.3504

■ 60.4784, 48.1143,
72.7586

■ 12.7775, 24.9490,
6.1274

■ 67.6863, 51.6428,
81.5620

■ 69.7155, 52.4882,
90.7217

Harmonies

Analogous

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



27.1232, 31.0576, 23.3500



25.5237, 31.0576, 27.5711



24.9795, 31.0576, 34.0374

Triad

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



25.5237, 31.0576, 27.5711



29.5964, 31.0576, 49.4906



33.8272, 31.0576, 27.2392

Complementary

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



25.5237, 31.0576, 27.5711



27.4745, 24.7848, 32.6155

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.



34.5783, 31.0576, 33.5965



25.5237, 31.0576, 27.5711



32.0525, 31.0576, 47.0194

Square

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



25.5237, 31.0576, 27.5711



27.2494, 31.0576, 47.2945



33.9116, 31.0576, 40.9401



31.9119, 31.0576, 23.1782

Rectangle

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



25.5237, 31.0576, 27.5711



25.2628, 31.0576, 38.9609



33.9116, 31.0576, 40.9401



34.2289, 31.0576, 29.1460

Sweetspot

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



25.5245, 31.0589, 27.5718



54.5997, 59.9409, 61.6687



29.0918, 32.9606, 24.9077



12.2154, 13.4679, 13.7754



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.5245, 31.0589, 27.5718



43.3005, 54.4523, 45.9468



26.6942, 31.5268, 33.7311



6.6154, 7.4269, 7.4093



10.1063, 19.7105, 4.9168



0.1960, 0.3586, 0.1687

Inverse Universe

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



27.4745, 24.7848, 32.6155



47.4151, 41.2093, 56.5869



26.2992, 24.3147, 26.4267



6.8332, 6.7262, 7.9730



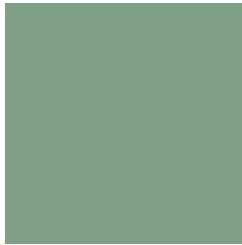
13.9523, 6.8855, 14.5317



0.2651, 0.1294, 0.3422

Previews

White Background



This preview shows how the XYZ color 25.5237, 31.0576, 27.5711 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 25.5237, 31.0576, 27.5711 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 25.5237, 31.0576, 27.5711

Background



This preview shows how black text looks on a background with the XYZ color 25.5237, 31.0576, 27.5711.



This preview shows how white text looks on a background with the XYZ color 25.5237, 31.0576,

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

25.5237, 31.0576, 27.5711

Protanopia

29.1036, 30.7205, 25.8684

Deuteranopia

31.4439, 30.9388, 28.3593



Tritanopia

28.3693, 31.2193, 41.0899

Trichromacy



Original Color

25.5237, 31.0576, 27.5711

Protanomaly

27.5887, 30.6515, 26.2920

Deuteranomaly

28.9084, 30.8094, 28.0901

Tritanomaly

27.1649, 30.9688, 35.5562

Monochromacy



Original Color

25.5237, 31.0576, 27.5711

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.8398, 29.6918, 30.3031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5237, 31.0576, 27.5711 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, 159, 135)` looks like.

```
.text, #text, p{  
    color:rgb(127, 159, 135)  
}
```

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, 159, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 159, 135) }
```

Border

The CSS property to change the border of an element to XYZ 25.5237, 31.0576, 27.5711 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, 159, 135) }
```


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

```
.border{ border-color:rgb(127, 159, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 159, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 159, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 159, 135);  
box-shadow:4px 4px 4px 4px rgb(127, 159,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5237, 31.0576, 27.5711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 159, 135) }
```

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

```
.background{ background-color: rgb(127,  
159, 135) }
```

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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