

Converting Colors

XYZ(27.3099, 32.0659, 27.1655)

Have a look what the booklet for
XYZ(27.3099, 32.0659, 27.1655)
contains.

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Color

**XYZ(27.3487, 32.0065,
27.2907)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9F86
RGB	139, 159, 134
RGB Percent	55%, 62%, 53%
CMY	0.4549, 0.3765, 0.4745
CMYK	0.13, 0.00, 0.16, 0.38
HSL	108°, 12%, 57%
HSV	108°, 16%, 62%
XYZ	27.3487, 32.0065, 27.2907
YIQ	150.1700, -3.8950, -12.0150

Conversions

Conversions Part 2

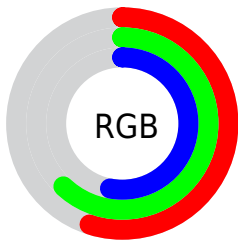
Format	Color
RYB	134, 159, 154
Decimal	9150342
CIELab	63.35, -11.93, 10.71
CIELCh	63, 16.027, 138.081
Yxy	32.0065, 0.3156, 0.3694
Android (android.graphics.Color)	4287340422 (0xFF8B9F86)
YUV	150.1700, -7.9718, -9.7961
Hunter-Lab	56.5743, -12.7159, 11.0013

Details

The XYZ color **27.3487, 32.0065, 27.2907** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.1108, 26.4243, 36.4214**, and the grayscale version is **29.0963, 30.6116, 33.3360**.

A 20% lighter version of the original color is **55.0085, 63.0184, 56.2782**, and **11.0826, 13.4891, 10.4070** is the 20% darker color. If you saturate the color by 10%, you get **24.3203, 30.5649, 21.7888**, and if you desaturate by 10%, it is **30.7928, 33.6450, 33.6839**.

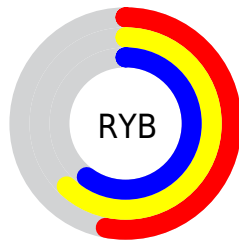
Distribution



Red (55%)

Green (62%)

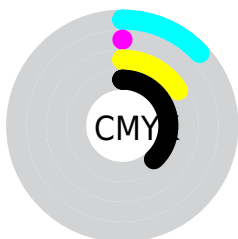
Blue (53%)



Red (53%)

Yellow (62%)

Blue (60%)

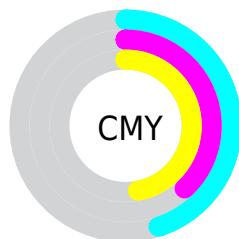


Cyan (13%)

Magenta (0%)

Yellow (16%)

Black (38%)



Cyan (45%)

Magenta (38%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3487, 32.0065, 27.2907 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 27.3487, 32.0065, 27.2907 by changing the saturation by 10% instead.

■ 27.3487, 32.0065,
27.2907

■ 27.3487, 32.0065,
27.2907

281.4784,
311.1489, 302.8665

■ 17.9732, 21.3665,
17.5573

■ 54.8589, 62.8213,
56.3594

■ 11.0303, 13.3921,
10.4665

■ 73.7243, 83.7648,
76.5318

■ 6.1547, 7.6991,
5.5997

■ 96.4837, 108.9116,
101.0209

■ 2.9809, 3.9030,
2.5384

123.5024,
138.6461, 130.2453

■ 1.1437, 1.6195,
0.8604

155.1459,
173.3527, 164.6235

■ 0.0612, 0.3707,
0.0000

191.7795,

■ 0.0000, 0.0000,

213.4158, 204.5741

0.0000

233.7686,
259.2197, 250.5156

■ 27.3487, 32.0065,
27.2907

■ 27.3487, 32.0065,
27.2907

■ 24.3203, 30.5649,
21.7888

■ 30.7928, 33.6450,
33.6839

■ 21.6892, 29.3088,
17.1366

■ 34.6649, 35.4832,
41.0032

■ 19.4394, 28.2317,
13.2923


■ 38.9803, 37.5290,
49.2842

■ 17.5526, 27.3253,
10.2099


■ 43.7524, 39.7887,
58.5602


■ 16.0092, 26.5805,
7.8386


■ 48.9942, 42.2684,
68.8625


 14.7876, 25.9875,
6.1215


 54.7182, 44.9738,
80.2214


 13.8636, 25.5352,
4.9930

 60.9364, 47.9104,
92.6656

 13.2074, 25.2101,
4.3652

 66.6452, 50.6775,
100.8769

 12.9881, 25.1014,
4.1605

 71.1349, 52.9920,
101.0870

Harmonies

Analogous

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



29.1131, 32.0065, 24.4550



27.3487, 32.0065, 27.2907



26.4257, 32.0065, 32.3807

Triad

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



27.3487, 32.0065, 27.2907



29.5465, 32.0065, 48.2597



34.6705, 32.0065, 31.1849

Complementary

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



27.3487, 32.0065, 27.2907



28.1108, 26.4243, 36.4214

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.



34.8004, 32.0065, 37.4410



27.3487, 32.0065, 27.2907



31.7679, 32.0065, 47.8376

Square

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



27.3487, 32.0065, 27.2907



27.6526, 32.0065, 44.7807



33.7156, 32.0065, 43.6894



33.3687, 32.0065, 26.5074

Rectangle

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



27.3487, 32.0065, 27.2907



26.3805, 32.0065, 36.5998



33.7156, 32.0065, 43.6894



34.8549, 32.0065, 33.1562

Sweetspot

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



27.3496, 32.0079, 27.2914



55.5577, 60.4485, 61.0969



30.1581, 32.2049, 27.1814



12.4274, 13.5815, 13.5905



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.



27.3496, 32.0079, 27.2914



46.9209, 56.3409, 45.1094



27.0757, 31.8041, 30.1074



6.6685, 7.4618, 7.0745



10.2867, 19.8397, 3.2873



0.2134, 0.3699, 0.0602

Inverse Universe

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



28.1108, 26.4243, 36.4214



48.5566, 44.3340, 64.7415



28.4510, 26.6726, 33.1416



6.7741, 6.6876, 8.3405



11.9141, 5.5710, 26.3546



0.2434, 0.1153, 0.4726

Previews

White Background



This preview shows how the XYZ color 27.3487, 32.0065, 27.2907 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 27.3487, 32.0065, 27.2907 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 27.3487, 32.0065, 27.2907

Background



This preview shows how black text looks on a background with the XYZ color 27.3487, 32.0065, 27.2907.



This preview shows how white text looks on a background with the XYZ color 27.3487, 32.0065,

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

27.3487, 32.0065, 27.2907

Protanopia

30.1859, 31.9982, 26.0580

Deuteranopia

32.4894, 31.9561, 27.7483



Tritanopia

30.0323, 31.8305, 41.1203

Trichromacy



Original Color

27.3487, 32.0065, 27.2907

Protanomaly

29.0231, 31.8809, 26.4538

Deuteranomaly

30.2994, 31.7828, 27.4594

Tritanomaly

28.9602, 31.8943, 35.6402

Monochromacy



Original Color

27.3487, 32.0065, 27.2907

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.2793, 30.9071, 30.8607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3487, 32.0065, 27.2907 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(139, 159, 134)` looks like.

```
.text, #text, p{  
    color:rgb(139, 159, 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(139, 159, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 159, 134) }
```

Border

The CSS property to change the border of an element to XYZ 27.3487, 32.0065, 27.2907 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(139, 159, 134) }
```


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

```
.border{ border-color:rgb(139, 159, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 159, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 159, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 159, 134);  
box-shadow:4px 4px 4px 4px rgb(139, 159,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3487, 32.0065, 27.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 159, 134) }
```

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

```
.background{ background-color: rgb(139,  
159, 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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