

Converting Colors

XYZ(29.3820, 32.2027, 28.4885)

Have a look what the booklet for
XYZ(29.3820, 32.2027, 28.4885)
contains.

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Color

**XYZ(29.3527, 32.2585,
28.3464)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 989C89 |
| RGB | 152, 156, 137 |
| RGB Percent | 60%, 61%, 54% |
| CMY | 0.4039, 0.3882, 0.4627 |
| CMYK | 0.03, 0.00, 0.12, 0.39 |
| HSL | 73°, 9%, 57% |
| HSV | 73°, 12%, 61% |
| XYZ | 29.3527, 32.2585, 28.3464 |
| YIQ | 152.6380, 3.7150, -6.7570 |

Conversions

Conversions Part 2

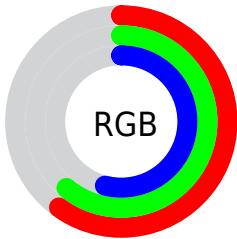
| Format | Color |
|-------------------------------------|---|
| RYB | 137, 156, 141 |
| Decimal | 10001545 |
| CIELab | 63.56, -4.95, 9.46 |
| CIElCh | 64, 10.676, 117.609 |
| Yxy | 32.2585, 0.3263, 0.3586 |
| Android (android.graphics.Color) | 4288191625 (0xFF989C89) |
| YUV | 152.6380, -7.7095, -0.5595 |
| Hunter-Lab | 56.7966, -7.1445, 10.1668 |

Details

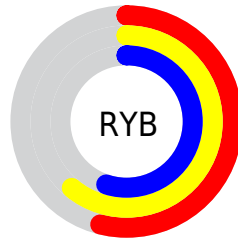
The XYZ color **29.3527, 32.2585, 28.3464** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9323, 25.9553, 35.0974**, and the grayscale version is **30.1530, 31.7233, 34.5467**.

A 20% lighter version of the original color is **57.7945, 62.9327, 57.8163**, and **12.1387, 13.5580, 10.9940** is the 20% darker color. If you saturate the color by 10%, you get **27.7072, 31.5313, 22.8442**, and if you desaturate by 10%, it is **31.1788, 33.0621, 34.7031**.

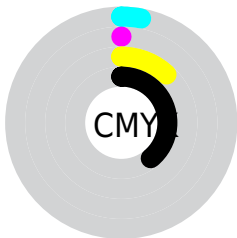
Distribution



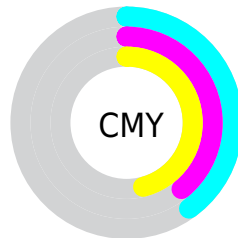
- Red (60%)
- Green (61%)
- Blue (54%)



- Red (54%)
- Yellow (61%)
- Blue (55%)



- Cyan (3%)
- Magenta (0%)
- Yellow (12%)
- Black (39%)



- Cyan (40%)
- Magenta (39%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3527, 32.2585, 28.3464 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 29.3527, 32.2585, 28.3464 by changing the saturation by 10% instead.

■ 29.3527, 32.2585,
28.3464

■ 29.3527, 32.2585,
28.3464

290.8397,
312.2951, 308.0823

■ 19.4934, 21.5590,
18.3456

■ 58.0307, 63.2161,
58.0668

■ 12.1335, 13.5332,
11.0264

■ 77.5801, 84.2430,
78.6234

■ 6.9075, 7.7968,
5.9702

■ 101.0902,
109.4812, 103.5358

■ 3.4501, 3.9652,
2.7585

128.9265,
139.3151, 133.2224

■ 1.3960, 1.6541,
0.9727

161.4542,
174.1290, 168.1019

■ 0.2534, 0.3937,
0.0000

199.0388,

■ 0.0000, 0.0000,

214.3074, 208.5926

0.0000

242.0455,
260.2346, 255.1133

■ 29.3527, 32.2585,
28.3464

■ 29.3527, 32.2585,
28.3464

■ 27.7072, 31.5313,
22.8442

■ 31.1788, 33.0621,
34.7031

■ 26.2327, 30.8733,
18.1579

■ 33.1896, 33.9404,
41.9465

■ 24.9225, 30.2831,
14.2492

■ 35.3922, 34.8975,
50.1095

■ 23.7685, 29.7572,
11.0760

■ 37.7925, 35.9357,
59.2228

■ 22.7616, 29.2921,
8.5918

■ 40.3964, 37.0573,
69.3159

■ 21.8921, 28.8838,
6.7453

■ 43.2091, 38.2646,
80.4166

■ 21.1486, 28.5278,
5.4778

■ 46.2360, 39.5595,
92.5520

■ 20.5177, 28.2186,
4.7196

■ 48.3669, 40.4981,
99.8755

■ 20.0771, 27.9993,
4.3462

■ 49.1318, 40.8925,
99.9112

Harmonies

Analogous

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



30.7804, 32.2585, 27.5507



29.3527, 32.2585, 28.3464



28.3057, 32.2585, 30.9113

Triad

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



29.3527, 32.2585, 28.3464



29.1522, 32.2585, 42.5143



33.6118, 32.2585, 35.4673

Complementary

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



29.3527, 32.2585, 28.3464



25.9323, 25.9553, 35.0974

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.



33.1429, 32.2585, 39.7031



29.3527, 32.2585, 28.3464



30.5414, 32.2585, 43.9718

Square

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



29.3527, 32.2585, 28.3464



28.1926, 32.2585, 39.0634



32.0071, 32.2585, 42.9041



33.2689, 32.2585, 31.4588

Rectangle

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



29.3527, 32.2585, 28.3464



27.9480, 32.2585, 33.3934



32.0071, 32.2585, 42.9041



33.5435, 32.2585, 36.9134

Sweetspot

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



29.3536, 32.2599, 28.3471



55.9716, 59.7597, 60.7139



27.7222, 27.8659, 27.5849



12.2629, 13.1263, 13.1721



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



29.3536, 32.2599, 28.3471



52.3455, 58.1635, 48.2062



27.6808, 31.3976, 28.2688



7.0333, 7.6498, 7.0915



16.5658, 23.0767, 3.5811



0.3278, 0.4289, 0.0655

Inverse Universe

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



25.9323, 25.9553, 35.0974



44.7062, 44.0854, 63.2798



27.5805, 26.8050, 35.1745



6.4089, 6.4993, 8.3234



5.4807, 2.2544, 26.0535



0.1287, 0.0562, 0.4673

Previews

White Background



This preview shows how the XYZ color 29.3527, 32.2585, 28.3464 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 29.3527, 32.2585, 28.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

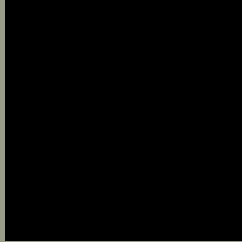
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

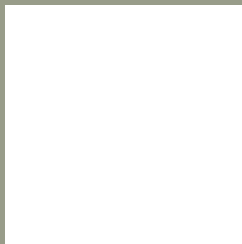
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.3527, 32.2585, 28.3464

Background



This preview shows how black text looks on a background with the XYZ color 29.3527, 32.2585, 28.3464.



This preview shows how white text looks on a background with the XYZ color 29.3527, 32.2585,

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

29.3527, 32.2585, 28.3464

Protanopia

30.5331, 32.1371, 27.8864

Deuteranopia

32.7057, 32.0426, 28.8872



Tritanopia

31.6394, 32.2047, 39.6705

Trichromacy



Original Color

29.3527, 32.2585, 28.3464

Protanomaly

30.1001, 32.1579, 27.9132

Deuteranomaly

31.3799, 32.0752, 28.5820

Tritanomaly

30.7415, 32.0841, 35.1445

Monochromacy



Original Color

29.3527, 32.2585, 28.3464

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.9589, 31.9901, 32.1995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3527, 32.2585, 28.3464 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(152, 156, 137)` looks like.

```
.text, #text, p{  
    color:rgb(152, 156, 137)  
}
```

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(152, 156, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 156, 137) }
```

Border

The CSS property to change the border of an element to XYZ 29.3527, 32.2585, 28.3464 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(152, 156, 137) }
```


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

```
.border{ border-color:rgb(152, 156, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 156, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 156, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 156, 137);  
box-shadow:4px 4px 4px 4px rgb(152, 156,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3527, 32.2585, 28.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 156, 137) }
```

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

```
.background{ background-color: rgb(152,  
156, 137) }
```

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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