

Converting Colors

XYZ(28.0396, 30.6340, 26.6254)

Have a look what the booklet for
XYZ(28.0396, 30.6340, 26.6254)
contains.

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Color

**XYZ(28.0396, 30.6340,
26.6254)**

Conversions

Conversions Part 1

Format	Color
Hex	969885
RGB	150, 152, 133
RGB Percent	59%, 60%, 52%
CMY	0.4118, 0.4039, 0.4784
CMYK	0.01, 0.00, 0.13, 0.40
HSL	66°, 8%, 56%
HSV	66°, 13%, 60%
XYZ	28.0396, 30.6340, 26.6254
YIQ	149.2360, 4.9070, -6.3330

Conversions

Conversions Part 2

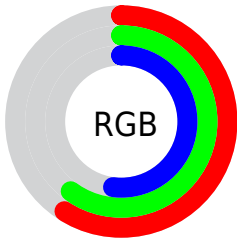
Format	Color
RYB	133, 152, 135
Decimal	9869445
CIELab	62.20, -4.21, 9.76
CIELCh	62, 10.625, 113.334
Yxy	30.6340, 0.3287, 0.3591
Android (android.graphics.Color)	4288059525 (0xFF969885)
YUV	149.2360, -8.0043, 0.6700
Hunter-Lab	55.3480, -6.4299, 10.2219

Details

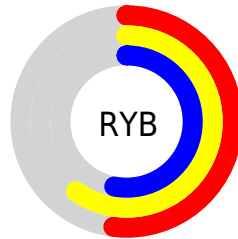
The XYZ color **28.0396, 30.6340, 26.6254** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.0479, 24.1938, 33.1098**, and the grayscale version is **28.6984, 30.1929, 32.8801**.

A 20% lighter version of the original color is **55.8361, 60.5252, 55.1940**, and **11.3606, 12.5845, 10.0139** is the 20% darker color. If you saturate the color by 10%, you get **26.7720, 30.0942, 21.4753**, and if you desaturate by 10%, it is **29.4649, 31.2394, 32.5776**.

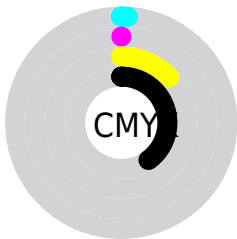
Distribution



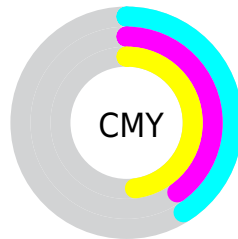
- Red (59%)
- Green (60%)
- Blue (52%)



- Red (52%)
- Yellow (60%)
- Blue (53%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (40%)



- Cyan (41%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0396, 30.6340, 26.6254 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 28.0396, 30.6340, 26.6254 by changing the saturation by 10% instead.

■ 28.0396, 30.6340,
26.6254

■ 28.0396, 30.6340,
26.6254

284.7327,
304.8486, 299.5413

■ 18.4961, 20.3203,
17.0621

■ 55.9559, 60.6634,
55.2786

■ 11.4086, 12.6281,
10.1164

■ 75.0594, 81.1479,
75.2056

■ 6.4117, 7.1730,
5.3696

■ 98.0802, 105.7914,
99.4242

■ 3.1400, 3.5705,
2.4032

125.3838,
134.9784, 128.3531

■ 1.2282, 1.4363,
0.7882

157.3355,
169.0932, 162.4107

■ 0.1285, 0.2433,
0.0000

194.3007,

■ 0.0000, 0.0000,

208.5202, 202.0156

0.0000

236.6446,
253.6439, 247.5863

■ 28.0396, 30.6340,
26.6254

■ 28.0396, 30.6340,
26.6254

■ 26.7720, 30.0942,
21.4753

■ 29.4649, 31.2394,
32.5776

■ 25.6532, 29.6132,
17.0909

■ 31.0515, 31.9088,
39.3619

■ 24.6769, 29.1898,
13.4363

■ 32.8061, 32.6459,
47.0095

■ 23.8355, 28.8208,
10.4718

■ 34.7341, 33.4528,
55.5492

■ 23.1209, 28.5030,
8.1538

■ 36.8408, 34.3317,
65.0086

■ 22.5238, 28.2326,
6.4340

■ 39.1313, 35.2845,
75.4140

■ 22.0337, 28.0055,
5.2570

■ 41.6102, 36.3132,
86.7906

■ 21.6382, 27.8167,
4.5575

■ 44.2824, 37.4197,
99.1629

■ 21.3792, 27.6904,
4.2180

■ 44.6758, 37.6151,
99.5135

Harmonies

Analogous

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



29.4375, 30.6340, 26.1195



28.0396, 30.6340, 26.6254



26.9633, 30.6340, 28.8641

Triad

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



28.0396, 30.6340, 26.6254



27.5031, 30.6340, 40.0892



31.9382, 30.6340, 34.2791

Complementary

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



28.0396, 30.6340, 26.6254



24.0479, 24.1938, 33.1098

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.



31.3818, 30.6340, 38.2896



28.0396, 30.6340, 26.6254



28.7982, 30.6340, 41.8172

Square

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



28.0396, 30.6340, 26.6254



26.6608, 30.6340, 36.5773



30.2210, 30.6340, 41.1330



31.7190, 30.6340, 30.3281

Rectangle

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



28.0396, 30.6340, 26.6254



26.5576, 30.6340, 31.1442



30.2210, 30.6340, 41.1330



31.8351, 30.6340, 35.6685

Sweetspot

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



28.0404, 30.6353, 26.6261



51.5905, 54.9620, 55.7474



25.8336, 25.6697, 25.7839



11.6840, 12.4744, 12.4944



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



28.0404, 30.6353, 26.6261



48.8395, 53.7939, 44.3187



26.3796, 29.7791, 26.5483



6.6448, 7.1898, 6.6434



17.9404, 23.2245, 3.5372



0.2842, 0.3554, 0.0536

Inverse Universe

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



24.0479, 24.1938, 33.1098



40.3816, 40.1476, 58.0546



25.6276, 25.0081, 33.1838



5.9419, 6.0559, 7.7847



4.9456, 2.0006, 25.0332



0.0879, 0.0371, 0.3749

Previews

White Background



This preview shows how the XYZ color 28.0396, 30.6340, 26.6254 looks on a white background.

Color Contrast Check

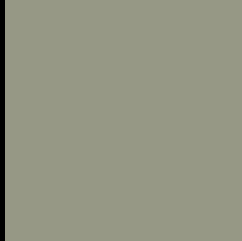
Large Text (above 18pt) WCAG AA × Fail

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 28.0396, 30.6340, 26.6254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

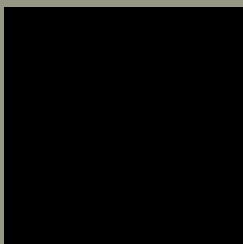
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

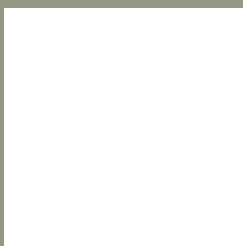
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.0396, 30.6340, 26.6254

Background



This preview shows how black text looks on a background with the XYZ color 28.0396, 30.6340, 26.6254.



This preview shows how white text looks on a background with the XYZ color 28.0396, 30.6340,

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

28.0396, 30.6340, 26.6254

Protanopia

28.9758, 30.6467, 26.2180

Deuteranopia

31.2231, 30.6300, 26.8208



Tritanopia

30.2615, 30.5879, 37.5668

Trichromacy



Original Color

28.0396, 30.6340, 26.6254

Protanomaly

28.5579, 30.6692, 26.2444

Deuteranomaly

29.9972, 30.6876, 26.8965

Tritanomaly

29.3893, 30.4692, 33.1863

Monochromacy



Original Color

28.0396, 30.6340, 26.6254

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.2587, 30.1854, 30.3236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0396, 30.6340, 26.6254 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(150, 152, 133)` looks like.

```
.text, #text, p{  
    color:rgb(150, 152, 133)  
}
```

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(150, 152, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 152, 133) }
```

Border

The CSS property to change the border of an element to XYZ 28.0396, 30.6340, 26.6254 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(150, 152, 133) }
```


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

```
.border{ border-color:rgb(150, 152, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 152, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 152, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 152, 133);  
box-shadow:4px 4px 4px 4px rgb(150, 152,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0396, 30.6340, 26.6254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 152, 133) }
```

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

```
.background{ background-color: rgb(150,  
152, 133) }
```

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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