

Converting Colors

XYZ(30.1563, 28.6512, 40.9866)

Have a look what the booklet for
XYZ(30.1563, 28.6512, 40.9866)
contains.

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Color

**XYZ(30.1563, 28.6512,
40.9866)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8CA8
RGB	156, 140, 168
RGB Percent	61%, 55%, 66%
CMY	0.3882, 0.4510, 0.3412
CMYK	0.07, 0.17, 0.00, 0.34
HSL	274°, 14%, 60%
HSV	274°, 17%, 66%
XYZ	30.1563, 28.6512, 40.9866
YIQ	147.9760, 0.5480, 12.1000

Conversions

Conversions Part 2

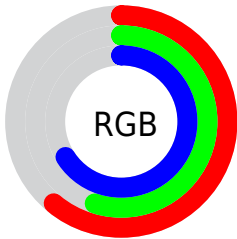
Format	Color
R_{YB}	156, 140, 168
Decimal	10259624
CIE _{Lab}	60.47, 11.40, -12.56
CIE _{LCh}	60, 16.961, 312.230
Yxy	28.6512, 0.3022, 0.2871
Android (android.graphics.Color)	4288449704 (0xFF9C8CA8)
YUV	147.9760, 9.8718, 7.0370
Hunter-Lab	53.5268, 6.8926, -7.9308

Details

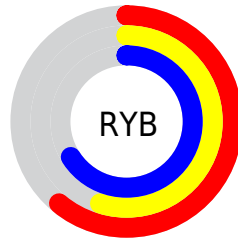
The XYZ color **30.1563, 28.6512, 40.9866** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **31.6860, 36.5748, 30.2018**, and the grayscale version is **28.0990, 29.5623, 32.1934**.

A 20% lighter version of the original color is **59.4750, 57.7602, 77.8262**, and **12.6342, 11.5765, 18.0916** is the 20% darker color. If you saturate the color by 10%, you get **26.5344, 23.4145, 40.1671**, and if you desaturate by 10%, it is **34.2373, 34.6825, 41.9361**.

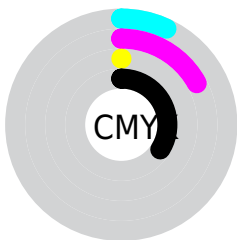
Distribution



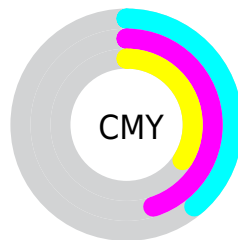
- Red (61%)
- Green (55%)
- Blue (66%)



- Red (61%)
- Yellow (55%)
- Blue (66%)



- Cyan (7%)
- Magenta (17%)
- Yellow (0%)
- Black (34%)



- Cyan (39%)
- Magenta (45%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1563, 28.6512, 40.9866 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 30.1563, 28.6512, 40.9866 by changing the saturation by 10% instead.

■ 30.1563, 28.6512,
40.9866

■ 30.1563, 28.6512,
40.9866

294.5291,
295.5656, 365.9396

■ 20.1059, 18.8171,
27.9890

■ 59.2942, 57.5224,
77.9170

■ 12.5808, 11.5382,
18.0784

■ 79.1124, 77.3284,
102.6869

■ 7.2155, 6.4301,
10.8363

■ 102.9173,
101.2271, 132.2179

■ 3.6448, 3.1083,
5.8441

131.0742,
129.6030, 166.9287

■ 1.5032, 1.1885,
2.6832

163.9485,
162.8403, 207.2377

■ 0.3280, 0.0523,
0.9350

201.9055,

■ 0.0000, 0.0000,

201.3236, 253.5635

0.0000

245.3106,
245.4373, 306.3246

■ 30.1563, 28.6512,
40.9866

■ 30.1563, 28.6512,
40.9866

■ 26.5344, 23.4145,
40.1671

■ 34.2373, 34.6825,
41.9361

■ 23.3507, 18.9341,
39.4702

■ 38.7921, 41.5372,
43.0191

■ 20.5863, 15.1741,
38.8901

■ 43.8379, 49.2472,
44.2414

■ 18.2200, 12.0939,
38.4203

■ 49.3901, 57.8413,
45.6076

■ 16.2281, 9.6489,
38.0533

■ 55.4635, 67.3473,
47.1223

■ 14.5846, 7.7891,
37.7810

■ 62.0722, 77.7916,
48.7899

■ 13.2591, 6.4563,
37.5936

■ 68.3935, 87.5267,
50.3358

■ 12.2091, 5.5678,
37.4774

■ 70.4438, 88.5837,
50.4318

■ 11.8918, 5.3139,
37.4451

■ 72.5868, 89.6885,
50.5321

Harmonies

Analogous

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



28.1324, 28.6512, 44.5032



30.1563, 28.6512, 40.9866



31.4346, 28.6512, 35.0166

Triad

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



30.1563, 28.6512, 40.9866



28.5353, 28.6512, 21.0787



23.3270, 28.6512, 33.8168

Complementary

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



30.1563, 28.6512, 40.9866



31.6860, 36.5748, 30.2018

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.



23.4219, 28.6512, 27.6645



30.1563, 28.6512, 40.9866



26.3513, 28.6512, 20.8477

Square

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



30.1563, 28.6512, 40.9866



30.4648, 28.6512, 23.7841



24.5033, 28.6512, 23.1041



24.2366, 28.6512, 40.0077

Rectangle

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



30.1563, 28.6512, 40.9866



31.6523, 28.6512, 30.7301



24.5033, 28.6512, 23.1041



23.2439, 28.6512, 31.6672

Sweetspot

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



30.1572, 28.6524, 40.9872



63.3706, 64.7923, 76.3913



29.1340, 30.9034, 41.4756



13.6958, 13.9481, 16.6225



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.1572, 28.6524, 40.9872



52.1953, 48.3105, 73.7990



32.4225, 29.8402, 40.1919



7.5267, 7.5041, 9.4701



9.0396, 4.0435, 28.2795



0.2767, 0.1277, 0.6907

Inverse Universe

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



31.1949, 29.3491, 33.7276



54.4838, 49.8439, 57.9281



29.6913, 35.5304, 30.8331



7.6596, 7.5937, 8.5245



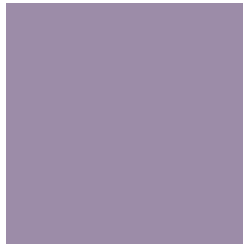
13.1027, 6.6498, 5.3524



0.3446, 0.1721, 0.2661

Previews

White Background



This preview shows how the XYZ color 30.1563, 28.6512, 40.9866 looks on a white background.

Color Contrast Check

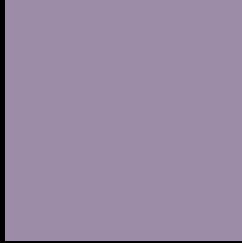
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1563, 28.6512, 40.9866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

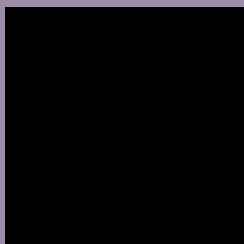
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.1563, 28.6512, 40.9866

Background



This preview shows how black text looks on a background with the XYZ color 30.1563, 28.6512, 40.9866.



This preview shows how white text looks on a background with the XYZ color 30.1563, 28.6512,

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

30.1563, 28.6512, 40.9866

Protanopia

28.4606, 28.8538, 42.5974

Deuteranopia

29.3186, 28.6572, 41.0319



Tritanopia

28.8322, 28.5491, 34.5628

Trichromacy



Original Color

30.1563, 28.6512, 40.9866

Protanomaly

28.9322, 28.6582, 42.0369

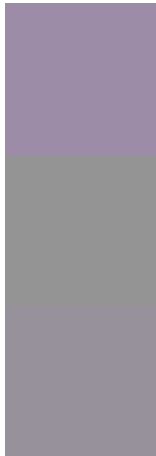
Deuteranomaly

29.5417, 28.5523, 40.9999

Tritanomaly

29.3005, 28.5215, 36.7618

Monochromacy



Original Color

30.1563, 28.6512, 40.9866

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.8043, 29.1967, 35.1277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1563, 28.6512, 40.9866 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(156, 140, 168)` looks like.

```
.text, #text, p{  
    color:rgb(156, 140, 168)  
}
```

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(156, 140, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 140, 168) }
```

Border

The CSS property to change the border of an element to XYZ 30.1563, 28.6512, 40.9866 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(156, 140, 168) }
```


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

```
.border{ border-color:rgb(156, 140, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 140, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 140, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 140, 168);  
box-shadow:4px 4px 4px 4px rgb(156, 140,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1563, 28.6512, 40.9866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 140, 168) }
```

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

```
.background{ background-color: rgb(156,  
140, 168) }
```

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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