

Converting Colors

XYZ(29.6126, 28.7569, 43.4249)

Have a look what the booklet for
XYZ(29.6126, 28.7569, 43.4249)
contains.

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Color

**XYZ(29.6103, 28.7527,
43.5244)**

Conversions

Conversions Part 1	
Format	Color
Hex	958EAD
RGB	149, 142, 173
RGB Percent	58%, 56%, 68%
CMY	0.4157, 0.4431, 0.3216
CMYK	0.14, 0.18, 0.00, 0.32
HSL	254°, 16%, 62%
HSV	254°, 18%, 68%
XYZ	29.6103, 28.7527, 43.5244
YIQ	147.6270, -5.7790, 11.1250

Conversions

Conversions Part 2

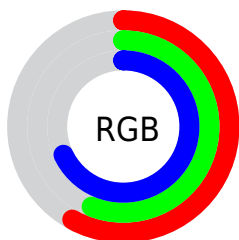
Format	Color
RYB	149, 142, 173
Decimal	9801389
CIELab	60.56, 8.94, -15.32
CIELCh	61, 17.741, 300.259
Yxy	28.7527, 0.2906, 0.2822
Android (android.graphics.Color)	4287991469 (0xFF958EAD)
YUV	147.6270, 12.5089, 1.2041
Hunter-Lab	53.6215, 4.7316, -10.5904

Details

The XYZ color **29.6103, 28.7527, 43.5244** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.5529, 39.9479, 31.4294**, and the grayscale version is **27.9452, 29.4005, 32.0171**.

A 20% lighter version of the original color is **58.3721, 57.7778, 81.4745**, and **12.3153, 11.6314, 19.6852** is the 20% darker color. If you saturate the color by 10%, you get **24.9288, 22.8108, 42.6247**, and if you desaturate by 10%, it is **34.9742, 35.6409, 44.5717**.

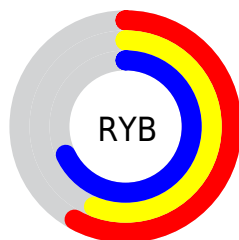
Distribution



Red (58%)

Green (56%)

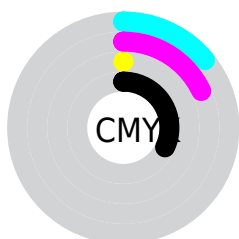
Blue (68%)



Red (58%)

Yellow (56%)

Blue (68%)

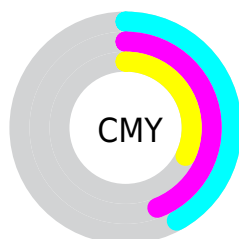


Cyan (14%)

Magenta (18%)

Yellow (0%)

Black (32%)



Cyan (42%)


Magenta (44%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.6103, 28.7527, 43.5244 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 29.6103, 28.7527, 43.5244 by changing the saturation by 10% instead.


 29.6103, 28.7527,
43.5244


 29.6103, 28.7527,
43.5244


292.0263,
296.0463, 376.7483


 19.6896, 18.8938,
29.9623


 58.4362, 57.6839,
81.7964

 12.2766, 11.5936,
19.5582


 78.0721, 77.5251,
107.3435

 7.0058, 6.4676,
11.8934


 101.6771,
101.4625, 137.7226

 3.5121, 3.1314,
6.5495

129.6166,
129.8804, 173.3524

 1.4300, 1.2007,
3.1079

162.2559,
163.1634, 214.6513

 0.2775, 0.0623,
1.1500


199.9604,


 0.0000, 0.0000,


201.6958, 262.0379


0.0000


243.0954,
245.8620, 315.9307


 29.6103, 28.7527,
43.5244


 29.6103, 28.7527,
43.5244


 24.9288, 22.8108,
42.6247


 34.9742, 35.6409,
44.5717


 20.8991, 17.7700,
41.8641


 41.0439, 43.5107,
45.7708


 17.4923, 13.5867,
41.2362

 47.8453, 52.4002,
47.1282

 14.6762, 10.2121,
40.7333

 55.4018, 62.3444,
48.6493

 12.4155, 7.5928,
40.3468

 63.7359, 73.3763,
50.3395

■ 10.6711, 5.6684,
40.0673

■ 72.8693, 85.5279,
52.2036

■ 9.3982, 4.3690,
39.8836

■ 80.1825, 93.5493,
53.3664

■ 8.5307, 3.5844,
39.7779

■ 84.5429, 95.7972,
53.5705

■ 8.3819, 3.4497,
39.7597

Harmonies

Analogous

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



27.3485, 28.7527, 45.7019



29.6103, 28.7527, 43.5244



31.3369, 28.7527, 37.9954

Triad

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



29.6103, 28.7527, 43.5244



29.5739, 28.7527, 21.5760



23.1538, 28.7527, 31.3640

Complementary

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



29.6103, 28.7527, 43.5244



35.5529, 39.9479, 31.4294

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.



23.6775, 28.7527, 25.4532



29.6103, 28.7527, 43.5244



27.3086, 28.7527, 20.3046

Square

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



29.6103, 28.7527, 43.5244



31.3151, 28.7527, 25.3671



25.1672, 28.7527, 21.6206



23.6956, 28.7527, 38.1081

Rectangle

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



29.6103, 28.7527, 43.5244



31.9068, 28.7527, 33.4913



25.1672, 28.7527, 21.6206



23.2107, 28.7527, 29.2194

Sweetspot

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



29.6112, 28.7539, 43.5250



65.5827, 67.6379, 80.4046



32.3869, 36.1444, 44.8052



14.0971, 14.4981, 17.4431



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.6112, 28.7539, 43.5250



49.1381, 46.5374, 77.1985



32.5714, 30.2799, 43.6636



7.7418, 7.8412, 10.0582



6.2000, 2.5561, 29.2111



0.2190, 0.0951, 0.8148

Inverse Universe

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



33.7904, 30.9846, 40.2772



58.2433, 51.4007, 69.9714



32.5493, 38.3995, 31.2888



8.2585, 8.1167, 9.6722



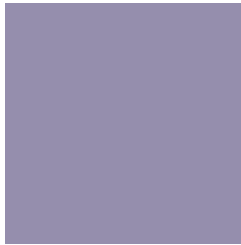
15.8411, 7.7990, 17.3407



0.4595, 0.2245, 0.5815

Previews

White Background



This preview shows how the XYZ color 29.6103, 28.7527, 43.5244 looks on a white background.

Color Contrast Check

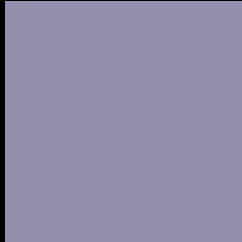
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6103, 28.7527, 43.5244 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 29.6103, 28.7527, 43.5244

Background



This preview shows how black text looks on a background with the XYZ color 29.6103, 28.7527, 43.5244.



This preview shows how white text looks on a background with the XYZ color 29.6103, 28.7527,

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

29.6103, 28.7527, 43.5244

Protanopia

28.6785, 28.9214, 44.6283

Deuteranopia

29.3979, 28.8651, 43.5572



Tritanopia

27.9802, 28.7621, 35.5294

Trichromacy



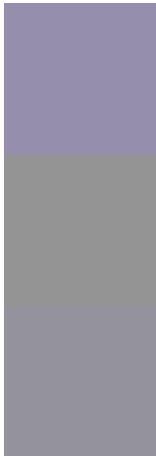
Original Color
29.6103, 28.7527, 43.5244

Protanomaly
28.9409, 28.8421, 44.0861

Deuteranomaly
29.5780, 28.9580, 43.5657

Tritanomaly
28.5275, 28.7582, 38.2297

Monochromacy



Original Color
29.6103, 28.7527, 43.5244

Achromatopsia
28.1479, 29.6138, 32.2495

Achromatomaly
28.5774, 29.2880, 36.0452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6103, 28.7527, 43.5244 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(149, 142, 173) looks like.

```
.text, #text, p{  
    color:rgb(149, 142, 173)  
}
```

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(149, 142, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 142, 173) }
```

Border

The CSS property to change the border of an element to XYZ 29.6103, 28.7527, 43.5244 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(149, 142, 173) }
```


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

```
.border{ border-color:rgb(149, 142, 173) }
```

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

Here you see how a box with a 4 pixel rgb(149, 142, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 142, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 142, 173);  
box-shadow:4px 4px 4px 4px rgb(149, 142,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6103, 28.7527, 43.5244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 142, 173) }
```

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

```
.background{ background-color: rgb(149,  
142, 173) }
```

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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