

Converting Colors

XYZ(28.7676, 26.5127, 43.3397)

Have a look what the booklet for
XYZ(28.7676, 26.5127, 43.3397)
contains.

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Color

**XYZ(28.8304, 26.6466,
43.1590)**

Conversions

Conversions Part 1

Format	Color
Hex	9786AD
RGB	151, 134, 173
RGB Percent	59%, 53%, 68%
CMY	0.4078, 0.4745, 0.3216
CMYK	0.13, 0.23, 0.00, 0.32
HSL	266°, 19%, 60%
HSV	266°, 23%, 68%
XYZ	28.8304, 26.6466, 43.1590
YIQ	143.5290, -2.3870, 15.7330

Conversions

Conversions Part 2

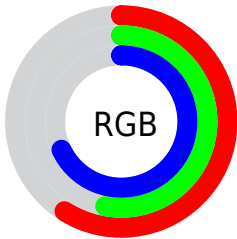
Format	Color
R_{YB}	151, 134, 173
Decimal	9930413
CIE _{Lab}	58.65, 14.20, -18.22
CIE _{LCh}	59, 23.097, 307.939
Yxy	26.6466, 0.2923, 0.2702
Android (android.graphics.Color)	4288120493 (0xFF9786AD)
YUV	143.5290, 14.5292, 6.5521
Hunter-Lab	51.6203, 9.3582, -13.4372

Details

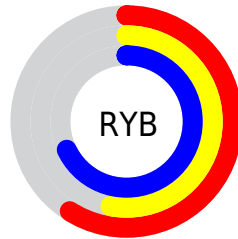
The XYZ color **28.8304, 26.6466, 43.1590** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **32.9579, 38.6770, 28.2838**, and the grayscale version is **26.2650, 27.6328, 30.0921**.

A 20% lighter version of the original color is **57.0900, 54.1769, 81.5770**, and **11.8770, 10.4304, 19.4764** is the 20% darker color. If you saturate the color by 10%, you get **24.8954, 21.3547, 42.3454**, and if you desaturate by 10%, it is **33.3082, 32.8004, 44.1112**.

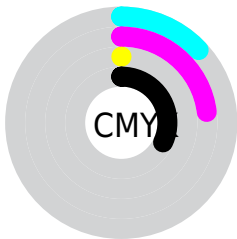
Distribution



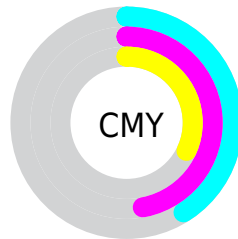
- Red (59%)
- Green (53%)
- Blue (68%)



- Red (59%)
- Yellow (53%)
- Blue (68%)



- Cyan (13%)
- Magenta (23%)
- Yellow (0%)
- Black (32%)



- Cyan (41%)
- Magenta (47%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8304, 26.6466, 43.1590 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 28.8304, 26.6466, 43.1590 by changing the saturation by 10% instead.

■ 28.8304, 26.6466,
43.1590

■ 28.8304, 26.6466,
43.1590

288.4226,
285.9419, 375.2057

■ 19.0962, 17.3080,
29.6776

■ 57.2069, 54.3163,
81.2397

■ 11.8442, 10.4543,
19.3440

■ 76.5800, 73.4161,
106.6760

■ 6.7091, 5.7012,
11.7398

■ 99.8967, 96.5384,
136.9343

■ 3.3256, 2.6643,
6.4464

127.5224,
124.0677, 172.4333

■ 1.3282, 0.9591,
3.0452

159.8225,
156.3883, 213.5913

■ 0.2042, 0.0000,
1.1178

197.1623,

■ 0.0000, 0.0000,

193.8846, 260.8271

0.0000

239.9072,
236.9410, 314.5590

■ 28.8304, 26.6466,
43.1590

■ 28.8304, 26.6466,
43.1590

■ 24.8954, 21.3547,
42.3454

■ 33.3082, 32.8004,
44.1112

■ 21.4781, 16.8813,
41.6620

■ 38.3475, 39.8499,
45.2063

■ 18.5549, 13.1847,
41.1026

■ 43.9691, 47.8312,
46.4506

■ 16.0994, 10.2176,
40.6593

■ 50.1919, 56.7774,
47.8494

■ 14.0824, 7.9274,
40.3236

■ 57.0341, 66.7200,
49.4079

■ 12.4706, 6.2543,
40.0856

■ 64.5129, 77.6889,
51.1309

■ 11.2252, 5.1273,
39.9337

■ 72.6118, 89.6465,
53.0121

■ 10.4765, 4.5295,
39.8577

■ 75.6404, 91.2077,
53.1538

■ 78.8441, 92.8593,
53.3038

Harmonies

Analogous

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



26.0876, 26.6466, 47.3973



28.8304, 26.6466, 43.1590



30.7255, 26.6466, 35.2850

Triad

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



28.8304, 26.6466, 43.1590



27.4311, 26.6466, 16.8110



20.2998, 26.6466, 31.2251

Complementary

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



28.8304, 26.6466, 43.1590



32.9579, 38.6770, 28.2838

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.



20.6007, 26.6466, 23.5332



28.8304, 26.6466, 43.1590



24.5809, 26.6466, 16.1296

Square

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



28.8304, 26.6466, 43.1590



29.8765, 26.6466, 20.4304



22.1192, 26.6466, 18.3555



21.2641, 26.6466, 39.7162

Rectangle

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



28.8304, 26.6466, 43.1590



31.1779, 26.6466, 29.5790



22.1192, 26.6466, 18.3555



20.2577, 26.6466, 28.4555

Sweetspot

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



28.8312, 26.6477, 43.1596



64.4167, 65.3823, 80.0307



29.2805, 31.8969, 44.1491



13.8882, 14.0537, 17.3683



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.



28.8312, 26.6477, 43.1596



48.0412, 42.8629, 76.5471



32.7329, 28.6591, 43.3422



7.8977, 7.9216, 10.0655



7.7598, 3.3602, 29.2841



0.2794, 0.1262, 0.8176

Inverse Universe

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



31.7603, 28.3358, 35.2491



54.2984, 46.4718, 59.5288



29.4986, 36.8937, 28.1219



8.1873, 8.0882, 9.2973



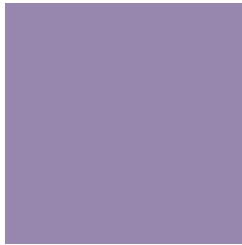
14.2953, 7.1807, 9.2003



0.4245, 0.2105, 0.3972

Previews

White Background



This preview shows how the XYZ color 28.8304, 26.6466, 43.1590 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 28.8304, 26.6466, 43.1590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

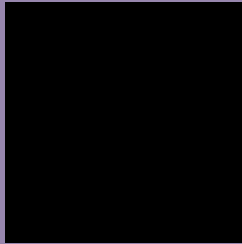
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.8304, 26.6466, 43.1590

Background



This preview shows how black text looks on a background with the XYZ color 28.8304, 26.6466, 43.1590.



This preview shows how white text looks on a background with the XYZ color 28.8304, 26.6466,

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

28.8304, 26.6466, 43.1590

Protanopia

26.8296, 26.8360, 45.3608

Deuteranopia

27.1823, 26.6445, 42.7400



Tritanopia

26.5459, 26.5499, 32.1593

Trichromacy



Original Color

28.8304, 26.6466, 43.1590

Protanomaly

27.5724, 26.8005, 44.7941

Deuteranomaly

27.7197, 26.7095, 42.7242

Tritanomaly

27.3300, 26.6558, 36.0524

Monochromacy



Original Color

28.8304, 26.6466, 43.1590

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.3271, 27.3258, 34.8445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8304, 26.6466, 43.1590 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(151, 134, 173)` looks like.

```
.text, #text, p{  
    color:rgb(151, 134, 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(151, 134, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 134, 173) }
```

Border

The CSS property to change the border of an element to XYZ 28.8304, 26.6466, 43.1590 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(151, 134, 173) }
```


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

```
.border{ border-color:rgb(151, 134, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 134, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 134, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 134, 173);  
box-shadow:4px 4px 4px 4px rgb(151, 134,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8304, 26.6466, 43.1590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 134, 173) }
```

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

```
.background{ background-color: rgb(151,  
134, 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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