

Converting Colors

XYZ(28.8261, 25.9610, 46.1496)

Have a look what the booklet for
XYZ(28.8261, 25.9610, 46.1496)
contains.

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Color

**XYZ(28.8307, 25.9713,
46.1412)**

Conversions

Conversions Part 1

Format	Color
Hex	9683B3
RGB	150, 131, 179
RGB Percent	59%, 51%, 70%
CMY	0.4118, 0.4863, 0.2980
CMYK	0.16, 0.27, 0.00, 0.30
HSL	264°, 24%, 61%
HSV	264°, 27%, 70%
XYZ	28.8307, 25.9713, 46.1412
YIQ	142.1530, -4.0840, 18.9560

Conversions

Conversions Part 2

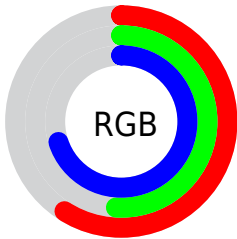
Format	Color
RYB	150, 131, 179
Decimal	9864115
CIELab	58.01, 16.94, -22.62
CIELCh	58, 28.263, 306.833
Yxy	25.9713, 0.2856, 0.2573
Android (android.graphics.Color)	4288054195 (0xFF9683B3)
YUV	142.1530, 18.1656, 6.8818
Hunter-Lab	50.9620, 11.7990, -18.0079

Details

The XYZ color **28.8307, 25.9713, 46.1412** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **34.7147, 41.3530, 27.6261**, and the grayscale version is **25.7039, 27.0425, 29.4493**.

A 20% lighter version of the original color is **57.3127, 53.2583, 85.8564**, and **11.9288, 10.1936, 21.0775** is the 20% darker color. If you saturate the color by 10%, you get **24.7322, 20.5931, 45.3195**, and if you desaturate by 10%, it is **33.5299, 32.2770, 47.1111**.

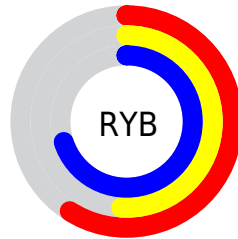
Distribution



Red (59%)

Green (51%)

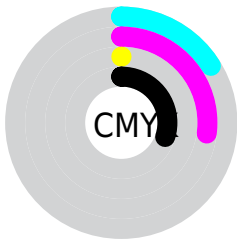
Blue (70%)



Red (59%)

Yellow (51%)

Blue (70%)

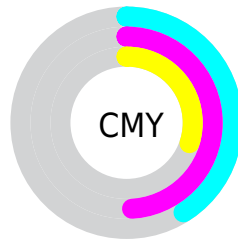


Cyan (16%)

Magenta (27%)

Yellow (0%)

Black (30%)



Cyan (41%)

Magenta (49%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8307, 25.9713, 46.1412 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 28.8307, 25.9713, 46.1412 by changing the saturation by 10% instead.

■ 28.8307, 25.9713,
46.1412

■ 28.8307, 25.9713,
46.1412

288.4239,
282.6412, 387.6701

■ 19.0964, 16.8022,
32.0078

■ 57.2074, 53.2286,
85.7668

■ 11.8444, 10.0935,
21.1026

■ 76.5806, 72.0856,
112.0960

■ 6.7093, 5.4610,
13.0070

■ 99.8974, 94.9407,
143.3277

■ 3.3256, 2.5202,
7.3026

127.5232,
122.1783, 179.8802

■ 1.3282, 0.8867,
3.5708

159.8234,
154.1827, 222.1721

■ 0.2042, 0.0000,
1.3929

197.1634,

■ 0.0000, 0.0000,

191.3384, 270.6221

0.1362

239.9085,
234.0298, 325.6486

■ 0.0000, 0.0000,
0.0000

■ 28.8307, 25.9713,
46.1412

■ 28.8307, 25.9713,
46.1412

■ 24.7322, 20.5931,
45.3195

■ 33.5299, 32.2770,
47.1111

■ 21.2056, 16.0939,
44.6370

■ 38.8519, 39.5491,
48.2342

■ 18.2232, 12.4256,
44.0861

■ 44.8206, 47.8281,
49.5176

■ 15.7541, 9.5341,
43.6581

■ 51.4580, 57.1512,
50.9674

■ 13.7636, 7.3585,
43.3431

■ 58.7848, 67.5538,
52.5891

■ 12.2120, 5.8284,
43.1295

■ 66.8209, 79.0694,
54.3883

■ 11.0458, 4.8463,
43.0014

■ 75.1682, 90.8957,
56.2310

■ 10.7246, 4.5888,
42.9687

■ 78.6615, 92.6966,
56.3945

■ 82.3724, 94.6096,
56.5682

Harmonies

Analogous

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



25.4738, 25.9713, 51.3384



28.8307, 25.9713, 46.1412



31.2214, 25.9713, 36.3334

Triad

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



28.8307, 25.9713, 46.1412



27.3571, 25.9713, 14.2824



18.7269, 25.9713, 30.5733

Complementary

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



28.8307, 25.9713, 46.1412



34.7147, 41.3530, 27.6261

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.



19.1311, 25.9713, 21.5115



28.8307, 25.9713, 46.1412



23.9126, 25.9713, 13.4239

Square

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



28.8307, 25.9713, 46.1412



30.3174, 25.9713, 18.4435



20.9570, 25.9713, 15.7477



19.7972, 25.9713, 41.1045

Rectangle

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



28.8307, 25.9713, 46.1412



31.8324, 25.9713, 29.3292



20.9570, 25.9713, 15.7477



18.6965, 25.9713, 27.2529

Sweetspot

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



28.8315, 25.9724, 46.1418



68.2576, 69.0085, 86.1036



30.1727, 33.4310, 47.5108



14.7953, 14.8398, 19.0068



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.8315, 25.9724, 46.1418



47.3036, 40.8009, 81.7634



33.5759, 28.4182, 46.3638



8.3496, 8.3888, 10.6854



7.6474, 3.2782, 30.3667



0.3073, 0.1375, 0.9586

Inverse Universe

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



33.0526, 28.3554, 36.9896



56.2254, 45.8431, 62.1711



30.4687, 39.1641, 27.4274



8.7047, 8.5886, 9.9435



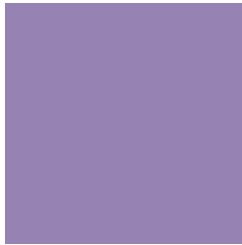
15.0878, 7.5527, 10.8884



0.5025, 0.2487, 0.4888

Previews

White Background



This preview shows how the XYZ color 28.8307, 25.9713, 46.1412 looks on a white background.

Color Contrast Check

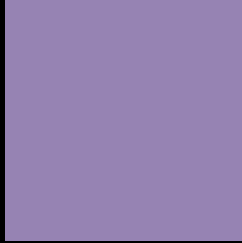
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8307, 25.9713, 46.1412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

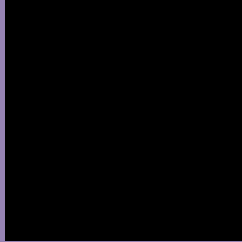
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.8307, 25.9713, 46.1412

Background



This preview shows how black text looks on a background with the XYZ color 28.8307, 25.9713, 46.1412.



This preview shows how white text looks on a background with the XYZ color 28.8307, 25.9713,

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

28.8307, 25.9713, 46.1412

Protanopia

26.4926, 26.1497, 48.9985

Deuteranopia

26.6544, 26.0922, 45.7509



Tritanopia

25.9680, 26.0492, 31.6763

Trichromacy



Original Color

28.8307, 25.9713, 46.1412

Protanomaly

27.0991, 25.8562, 47.8184

Deuteranomaly

27.3473, 26.0313, 45.7027

Tritanomaly

26.9546, 26.0342, 36.4053

Monochromacy



Original Color

28.8307, 25.9713, 46.1412

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.6819, 26.5633, 34.7313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8307, 25.9713, 46.1412 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, 131, 179)` looks like.

```
.text, #text, p{  
    color:rgb(150, 131, 179)  
}
```

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, 131, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 131, 179) }
```

Border

The CSS property to change the border of an element to XYZ 28.8307, 25.9713, 46.1412 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, 131, 179) }
```


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

```
.border{ border-color:rgb(150, 131, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 131, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 131, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 131, 179);  
box-shadow:4px 4px 4px 4px rgb(150, 131,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8307, 25.9713, 46.1412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 131, 179) }
```

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

```
.background{ background-color: rgb(150,  
131, 179) }
```

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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