

Converting Colors

XYZ(28.4651, 27.3668, 46.7685)

Have a look what the booklet for
XYZ(28.4651, 27.3668, 46.7685)
contains.

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Color

**XYZ(28.6262, 27.5113,
46.9815)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8BB4
RGB	142, 139, 180
RGB Percent	56%, 55%, 71%
CMY	0.4431, 0.4549, 0.2941
CMYK	0.21, 0.23, 0.00, 0.29
HSL	244°, 21%, 63%
HSV	244°, 23%, 71%
XYZ	28.6262, 27.5113, 46.9815
YIQ	144.5710, -11.3730, 13.3870

Conversions

Conversions Part 2

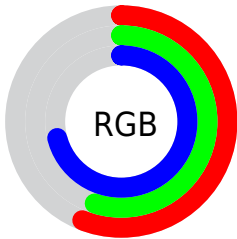
Format	Color
RYB	142, 139, 180
Decimal	9341876
CIELab	59.44, 9.96, -21.05
CIElCh	59, 23.292, 295.323
Yxy	27.5113, 0.2776, 0.2668
Android (android.graphics.Color)	4287531956 (0xFF8E8BB4)
YUV	144.5710, 17.4665, -2.2548
Hunter-Lab	52.4512, 5.6300, -16.3913

Details

The XYZ color **28.6262, 27.5113, 46.9815** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.1137, 43.8544, 30.8305**, and the grayscale version is **26.6753, 28.0645, 30.5622**.

A 20% lighter version of the original color is **56.7549, 55.4912, 87.0764**, and **11.7175, 10.9012, 21.5652** is the 20% darker color. If you saturate the color by 10%, you get **23.5801, 21.3548, 46.0596**, and if you desaturate by 10%, it is **34.5316, 34.7491, 48.0677**.

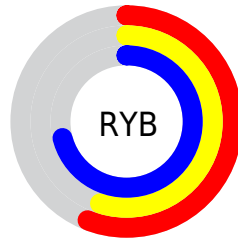
Distribution



Red (56%)

Green (55%)

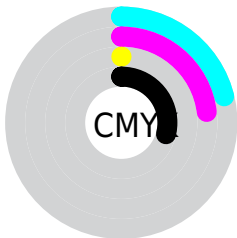
Blue (71%)



Red (56%)

Yellow (55%)

Blue (71%)

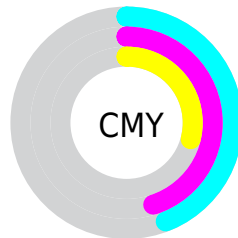


Cyan (21%)

Magenta (23%)

Yellow (0%)

Black (29%)



Cyan (44%)

Magenta (45%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6262, 27.5113, 46.9815 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 28.6262, 27.5113, 46.9815 by changing the saturation by 10% instead.

■ 28.6262, 27.5113,
46.9815

■ 28.6262, 27.5113,
46.9815

287.4733,
290.1243, 391.1323

■ 18.9411, 17.9576,
32.6668

■ 56.8843, 55.7033,
87.0357

■ 11.7315, 10.9195,
21.6023

■ 76.1881, 75.1103,
113.6123

■ 6.6320, 6.0128,
13.3694

■ 99.4287, 98.5706,
145.1132

■ 3.2773, 2.8528,
7.5497

126.9717,
126.4685, 181.9571

■ 1.3021, 1.0554,
3.7246

159.1822,
159.1884, 224.5623

■ 0.1848, 0.0000,
1.4755

196.4258,

■ 0.0000, 0.0000,

197.1148, 273.3476

0.1996

239.0677,
240.6319, 328.7314

■ 0.0000, 0.0000,
0.0000

■ 28.6262, 27.5113,
46.9815

■ 28.6262, 27.5113,
46.9815

■ 23.5801, 21.3548,
46.0596

■ 34.5316, 34.7491,
48.0677

■ 19.3508, 16.2245,
45.2923

■ 41.3310, 43.1132,
49.3238

■ 15.8959, 12.0656,
44.6716

■ 49.0604, 52.6500,
50.7572

■ 13.1684, 8.8167,
44.1882

■ 57.7531, 63.4023,
52.3745

■ 11.1159, 6.4094,
43.8318

■ 67.4406, 75.4108,
54.1817

■ 9.6792, 4.7656,
43.5902

■ 78.1531, 88.7143,
56.1850

■ 8.7886, 3.7927,
43.4494

■ 85.2383, 96.0753,
57.2324

■ 8.4068, 3.3822,
43.3902

Harmonies

Analogous

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



25.6932, 27.5113, 49.0253



28.6262, 27.5113, 46.9815



31.0467, 27.5113, 40.0747

Triad

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



28.6262, 27.5113, 46.9815



29.4774, 27.5113, 18.5751



20.9390, 27.5113, 28.6620

Complementary

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



28.6262, 27.5113, 46.9815



39.1137, 43.8544, 30.8305

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.



21.7949, 27.5113, 21.7009



28.6262, 27.5113, 46.9815



26.6095, 27.5113, 16.6093

Square

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



28.6262, 27.5113, 46.9815



31.5633, 27.5113, 23.5863



23.8184, 27.5113, 17.6372



21.3916, 27.5113, 37.3782

Rectangle

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



28.6262, 27.5113, 46.9815



31.9692, 27.5113, 34.2201



23.8184, 27.5113, 17.6372



21.0813, 27.5113, 26.0602

Sweetspot

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



28.6271, 27.5124, 46.9821



69.3829, 71.3292, 88.4057



34.6614, 40.3347, 49.1390



14.8401, 15.2249, 19.0788



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.



28.6271, 27.5124, 46.9821



47.4294, 44.4160, 84.3679



32.4195, 29.4675, 47.1596



8.0977, 8.2589, 10.6737



5.8903, 2.3724, 30.2845



0.2043, 0.0844, 0.9538

Inverse Universe

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



35.9916, 31.3439, 45.7489



63.0189, 52.5288, 81.6556



34.8414, 41.6519, 30.6305



8.8227, 8.6358, 10.5646



18.0049, 8.7195, 26.2494



0.5744, 0.2775, 0.8676

Previews

White Background



This preview shows how the XYZ color 28.6262, 27.5113, 46.9815 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 28.6262, 27.5113, 46.9815 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 28.6262, 27.5113, 46.9815

Background



This preview shows how black text looks on a background with the XYZ color 28.6262, 27.5113, 46.9815.



This preview shows how white text looks on a background with the XYZ color 28.6262, 27.5113,

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

28.6262, 27.5113, 46.9815

Protanopia

27.7894, 27.7099, 48.1399

Deuteranopia

28.0975, 27.4547, 46.9984



Tritanopia

26.2062, 27.6314, 34.9625

Trichromacy



Original Color

28.6262, 27.5113, 46.9815

Protanomaly

28.0187, 27.6202, 47.5705

Deuteranomaly

28.2638, 27.5404, 47.0062

Tritanomaly

27.0213, 27.5153, 39.0088

Monochromacy



Original Color

28.6262, 27.5113, 46.9815

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.4956, 28.0428, 36.3114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6262, 27.5113, 46.9815 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(142, 139, 180)` looks like.

```
.text, #text, p{  
    color:rgb(142, 139, 180)  
}
```

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(142, 139, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 139, 180) }
```

Border

The CSS property to change the border of an element to XYZ 28.6262, 27.5113, 46.9815 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(142, 139, 180) }
```


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

```
.border{ border-color:rgb(142, 139, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 139, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 139, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 139, 180);  
box-shadow:4px 4px 4px 4px rgb(142, 139,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6262, 27.5113, 46.9815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 139, 180) }
```

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

```
.background{ background-color: rgb(142,  
139, 180) }
```

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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