

Converting Colors

XYZ(28.5214, 28.2518, 42.3454)

Have a look what the booklet for
XYZ(28.5214, 28.2518, 42.3454)
contains.

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Color

**XYZ(28.5253, 28.2156,
42.4708)**

Conversions

Conversions Part 1

Format	Color
Hex	908EAB
RGB	144, 142, 171
RGB Percent	56%, 56%, 67%
CMY	0.4353, 0.4431, 0.3294
CMYK	0.16, 0.17, 0.00, 0.33
HSL	244°, 15%, 61%
HSV	244°, 17%, 67%
XYZ	28.5253, 28.2156, 42.4708
YIQ	145.9040, -8.1170, 9.4430

Conversions

Conversions Part 2

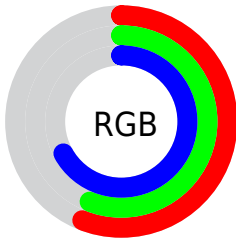
Format	Color
RYB	144, 142, 171
Decimal	9473707
CIELab	60.08, 6.82, -14.95
CIElCh	60, 16.433, 294.506
Yxy	28.2156, 0.2875, 0.2844
Android (android.graphics.Color)	4287663787 (0xFF908EAB)
YUV	145.9040, 12.3723, -1.6698
Hunter-Lab	53.1184, 2.8999, -10.2225

Details

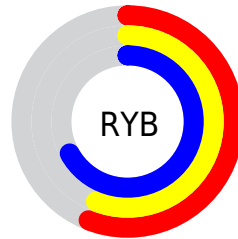
The XYZ color **28.5253, 28.2156, 42.4708** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.8086, 39.5146, 31.3323**, and the grayscale version is **27.2363, 28.6548, 31.2050**.

A 20% lighter version of the original color is **56.7561, 56.9766, 79.9577**, and **11.6711, 11.3134, 19.0213** is the 20% darker color. If you saturate the color by 10%, you get **23.5863, 22.1785, 41.5663**, and if you desaturate by 10%, it is **34.2486, 35.2379, 43.5250**.

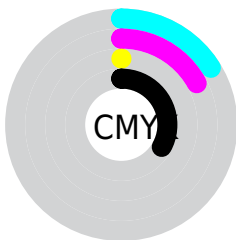
Distribution



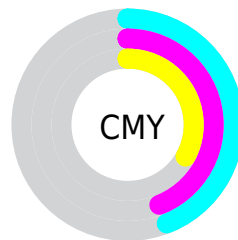
- Red (56%)
- Green (56%)
- Blue (67%)



- Red (56%)
- Yellow (56%)
- Blue (67%)



- Cyan (16%)
- Magenta (17%)
- Yellow (0%)
- Black (33%)



- Cyan (44%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5253, 28.2156, 42.4708 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 28.5253, 28.2156, 42.4708 by changing the saturation by 10% instead.

■ 28.5253, 28.2156,
42.4708

■ 28.5253, 28.2156,
42.4708

287.0033,
293.4957, 372.2880

■ 18.8645, 18.4882,
29.1418

■ 56.7248, 56.8285,
80.1894

■ 11.6758, 11.3011,
18.9416

■ 75.9942, 76.4828,
105.4161

■ 6.5940, 6.2697,
11.4517

■ 99.1972, 100.2149,
135.4458

■ 3.2535, 3.0098,
6.2535

126.6992,
128.4091, 170.6971

■ 1.2892, 1.1368,
2.9286

158.8654,
161.4499, 211.5883

■ 0.1751, 0.0092,
1.0583

196.0612,

■ 0.0000, 0.0000,

199.7217, 258.5382

0.0000

238.6521,
243.6088, 311.9652

■ 28.5253, 28.2156,
42.4708

■ 28.5253, 28.2156,
42.4708

■ 23.5863, 22.1785,
41.5663

■ 34.2486, 35.2379,
43.5250

■ 19.3948, 17.0791,
40.8029

■ 40.7855, 43.2829,
44.7334

■ 15.9153, 12.8715,
40.1742

■ 48.1672, 52.3907,
46.1023

■ 13.1080, 9.5042,
39.6722

■ 56.4221, 62.5979,
47.6374

■ 10.9295, 6.9209,
39.2884

■ 65.5777, 73.9396,
49.3440

■ 9.3309, 5.0578,
39.0130

■ 75.6600, 86.4492,
51.2272

■ 8.2564, 3.8417,
38.8349

■ 84.3508, 95.7203,
52.5586

■ 7.6318, 3.1690,
38.7380

■ 7.4994, 3.0169,
38.7156

Harmonies

Analogous

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



26.4340, 28.2156, 43.7075



28.5253, 28.2156, 42.4708



30.2362, 28.2156, 37.9251

Triad

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



28.5253, 28.2156, 42.4708



29.2276, 28.2156, 22.2478



23.0020, 28.2156, 29.6298

Complementary

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



28.5253, 28.2156, 42.4708



35.8086, 39.5146, 31.3323

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.



23.6678, 28.2156, 24.4941



28.5253, 28.2156, 42.4708



27.2059, 28.2156, 20.6027

Square

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



28.5253, 28.2156, 42.4708



30.6562, 28.2156, 26.1774



25.1804, 28.2156, 21.3682



23.3145, 28.2156, 35.7643

Rectangle

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



28.5253, 28.2156, 42.4708



30.8937, 28.2156, 33.9107



25.1804, 28.2156, 21.3682



23.1177, 28.2156, 27.7397

Sweetspot

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



28.5262, 28.2168, 42.4714



63.4125, 65.6601, 78.3334



32.7073, 37.0925, 43.9643



13.9709, 14.4331, 17.4372



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.



28.5262, 28.2168, 42.4714



47.9296, 46.6681, 75.4836



31.2106, 29.6007, 42.5971



7.6281, 7.7826, 10.0528



5.6711, 2.2834, 29.1864



0.1740, 0.0719, 0.8127

Inverse Universe

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



33.6300, 30.8697, 41.7234



58.6543, 52.2437, 73.8673



32.8808, 38.0053, 31.1953



8.3129, 8.1384, 9.9585



17.4004, 8.4227, 25.5514



0.4910, 0.2371, 0.7474

Previews

White Background



This preview shows how the XYZ color 28.5253, 28.2156, 42.4708 looks on a white background.

Color Contrast Check

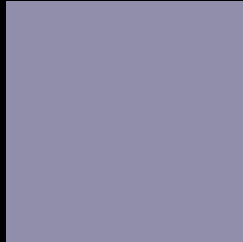
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5253, 28.2156, 42.4708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

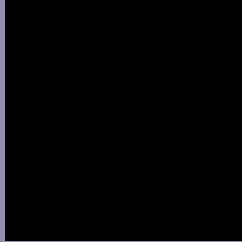
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.5253, 28.2156, 42.4708

Background



This preview shows how black text looks on a background with the XYZ color 28.5253, 28.2156, 42.4708.



This preview shows how white text looks on a background with the XYZ color 28.5253, 28.2156,

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

28.5253, 28.2156, 42.4708

Protanopia

27.9163, 28.1124, 42.9846

Deuteranopia

28.7296, 28.1010, 42.4379



Tritanopia

27.1107, 28.3138, 35.4887

Trichromacy



Original Color

28.5253, 28.2156, 42.4708

Protanomaly

28.2534, 28.2862, 43.0004

Deuteranomaly

28.5526, 28.0098, 42.4296

Tritanomaly

27.5616, 28.2705, 37.7223

Monochromacy



Original Color

28.5253, 28.2156, 42.4708

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.7188, 28.6371, 35.0769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5253, 28.2156, 42.4708 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(144, 142, 171)` looks like.

```
.text, #text, p{  
    color:rgb(144, 142, 171)  
}
```

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(144, 142, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 142, 171) }
```

Border

The CSS property to change the border of an element to XYZ 28.5253, 28.2156, 42.4708 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(144, 142, 171) }
```


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

```
.border{ border-color:rgb(144, 142, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 142, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 142, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 142, 171);  
box-shadow:4px 4px 4px 4px rgb(144, 142,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5253, 28.2156, 42.4708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 142, 171) }
```

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

```
.background{ background-color: rgb(144,  
142, 171) }
```

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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