

Converting Colors

XYZ(28.8356, 28.4997, 41.9469)

Have a look what the booklet for
XYZ(28.8356, 28.4997, 41.9469)
contains.

XYZ(28.9322, 28.6582, 42.0369)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.9322, 28.6582,
42.0369)**

Conversions

Conversions Part 1

Format	Color
Hex	928FAA
RGB	146, 143, 170
RGB Percent	57%, 56%, 67%
CMY	0.4274, 0.4392, 0.3333
CMYK	0.14, 0.16, 0.00, 0.33
HSL	247°, 14%, 61%
HSV	247°, 16%, 67%
XYZ	28.9322, 28.6582, 42.0369
YIQ	146.9750, -6.8790, 9.0330

Conversions

Conversions Part 2

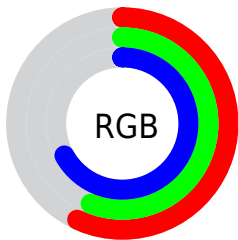
Format	Color
R_{YB}	146, 143, 170
Decimal	9605034
CIE _{Lab}	60.48, 6.69, -13.77
CIE _{LCh}	60, 15.312, 295.926
Yxy	28.6582, 0.2904, 0.2877
Android (android.graphics.Color)	4287795114 (0xFF928FAA)
YUV	146.9750, 11.3513, -0.8551
Hunter-Lab	53.5334, 2.7873, -9.0839

Details

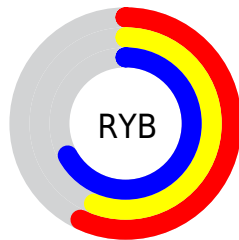
The XYZ color **28.9322, 28.6582, 42.0369** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.2700, 38.9489, 31.6469**, and the grayscale version is **27.6802, 29.1217, 31.7135**.

A 20% lighter version of the original color is **57.3763, 57.6481, 79.3373**, and **11.9037, 11.5696, 18.7453** is the 20% darker color. If you saturate the color by 10%, you get **24.0600, 22.6413, 41.1328**, and if you desaturate by 10%, it is **34.5481, 35.6340, 43.0878**.

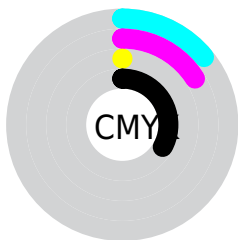
Distribution



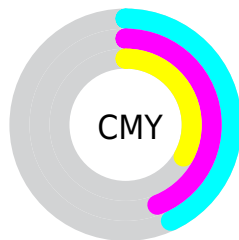
- Red (57%)
- Green (56%)
- Blue (67%)



- Red (57%)
- Yellow (56%)
- Blue (67%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (43%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9322, 28.6582, 42.0369 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 28.9322, 28.6582, 42.0369 by changing the saturation by 10% instead.

■ 28.9322, 28.6582,
42.0369

■ 28.9322, 28.6582,
42.0369

288.8949,
295.5988, 370.4401

■ 19.1736, 18.8224,
28.8044

■ 57.3677, 57.5336,
79.5262

■ 11.9005, 11.5420,
18.6886

■ 76.7752, 77.3420,
104.6200

■ 6.7477, 6.4327,
11.2710

■ 100.1297,
101.2433, 134.5047

■ 3.3497, 3.1099,
6.1329

127.7966,
129.6221, 169.5988

■ 1.3413, 1.1894,
2.8560

160.1412,
162.8626, 210.3209

■ 0.2138, 0.0530,
1.0216

197.5289,

■ 0.0000, 0.0000,

201.3493, 257.0894

0.0000

240.3250,
245.4666, 310.3229

■ 28.9322, 28.6582,
42.0369

■ 28.9322, 28.6582,
42.0369

■ 24.0600, 22.6413,
41.1328

■ 34.5481, 35.6340,
43.0878

■ 19.8976, 17.5380,
40.3671

■ 40.9343, 43.6045,
44.2897

■ 16.4126, 13.3045,
39.7337

■ 48.1194, 52.6078,
45.6488

■ 13.5687, 9.8921,
39.2249

■ 56.1299, 62.6791,
47.1706

■ 11.3266, 7.2472,
38.8325

■ 64.9907, 73.8519,
48.8601

■ 9.6424, 5.3099,
38.5474

■ 74.7261, 86.1582,
50.7224

■ 8.4660, 4.0111,
38.3587

■ 83.0837, 95.0781,
52.0036

■ 7.7352, 3.2623,
38.2527

■ 84.2558, 95.6823,
52.0584

■ 7.5220, 3.0395,
38.2209

Harmonies

Analogous

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



26.9700, 28.6582, 43.3513



28.9322, 28.6582, 42.0369



30.5053, 28.6582, 37.6990

Triad

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



28.9322, 28.6582, 42.0369



29.4211, 28.6582, 23.0380



23.6254, 28.6582, 30.4380

Complementary

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



28.9322, 28.6582, 42.0369



35.2700, 38.9489, 31.6469

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.



24.2142, 28.6582, 25.5013



28.9322, 28.6582, 42.0369



27.5093, 28.6582, 21.5684

Square

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



28.9322, 28.6582, 42.0369



30.7970, 28.6582, 26.6884



25.6127, 28.6582, 22.4129



23.9657, 28.6582, 36.2020

Rectangle

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



28.9322, 28.6582, 42.0369



31.0889, 28.6582, 33.9226



25.6127, 28.6582, 22.4129



23.7204, 28.6582, 28.6345

Sweetspot

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



28.9331, 28.6594, 42.0375



63.5471, 65.7295, 78.3396



32.4580, 36.4902, 43.3632



14.0047, 14.4505, 17.4388



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.



28.9331, 28.6594, 42.0375



49.2833, 48.0241, 75.6739



31.4169, 29.9399, 42.1538



7.2063, 7.3390, 9.4551



5.5584, 2.2489, 28.1166



0.1582, 0.0666, 0.6852

Inverse Universe

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



33.3761, 30.9822, 40.7817



58.8851, 53.0454, 72.8963



32.6219, 37.5837, 31.5230



7.8055, 7.6521, 9.2929



16.3237, 7.9382, 22.3142



0.4070, 0.1971, 0.5946

Previews

White Background



This preview shows how the XYZ color 28.9322, 28.6582, 42.0369 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 28.9322, 28.6582, 42.0369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

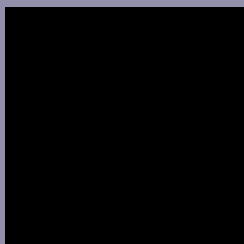
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.9322, 28.6582, 42.0369

Background



This preview shows how black text looks on a background with the XYZ color 28.9322, 28.6582, 42.0369.



This preview shows how white text looks on a background with the XYZ color 28.9322, 28.6582,

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

28.9322, 28.6582, 42.0369

Protanopia

28.4606, 28.8538, 42.5974

Deuteranopia

29.1414, 28.5442, 42.0039



Tritanopia

27.7128, 28.6144, 35.9608

Trichromacy



Original Color

28.9322, 28.6582, 42.0369

Protanomaly

28.6516, 28.7264, 42.5627

Deuteranomaly

28.9613, 28.4513, 41.9954

Tritanomaly

28.1719, 28.5749, 38.2131

Monochromacy



Original Color

28.9322, 28.6582, 42.0369

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.2279, 29.1274, 35.1447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9322, 28.6582, 42.0369 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(146, 143, 170)` looks like.

```
.text, #text, p{  
    color:rgb(146, 143, 170)  
}
```

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(146, 143, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 143, 170) }
```

Border

The CSS property to change the border of an element to XYZ 28.9322, 28.6582, 42.0369 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(146, 143, 170) }
```


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

```
.border{ border-color:rgb(146, 143, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 143, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 143, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 143, 170);  
box-shadow:4px 4px 4px 4px rgb(146, 143,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9322, 28.6582, 42.0369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 143, 170) }
```

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

```
.background{ background-color: rgb(146,  
143, 170) }
```

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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