

Converting Colors

XYZ(29.4248, 24.1415, 56.5350)

Have a look what the booklet for
XYZ(29.4248, 24.1415, 56.5350)
contains.

XYZ(29.4248, 24.1415, 56.5350)	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(29.4248, 24.1415,
56.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	9579C6
RGB	149, 121, 198
RGB Percent	58%, 47%, 78%
CMY	0.4157, 0.5255, 0.2235
CMYK	0.25, 0.39, 0.00, 0.22
HSL	262°, 40%, 63%
HSV	262°, 39%, 78%
XYZ	29.4248, 24.1415, 56.5350
YIQ	138.1500, -8.0290, 29.8830

Conversions

Conversions Part 2

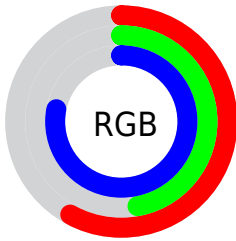
Format	Color
R_{YB}	149, 121, 198
Decimal	9796038
CIE _{Lab}	56.23, 26.91, -36.22
CIE _{LCh}	56, 45.119, 306.614
Yxy	24.1415, 0.2673, 0.2193
Android (android.graphics.Color)	4287986118 (0xFF9579C6)
YUV	138.1500, 29.5060, 9.5154
Hunter-Lab	49.1340, 20.9135, -33.8270

Details

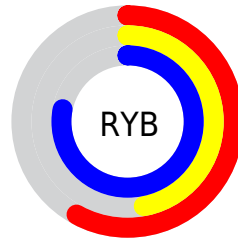
The XYZ color **29.4248, 24.1415, 56.5350** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **40.2235, 50.3152, 25.6819**, and the grayscale version is **24.1085, 25.3640, 27.6214**.

A 20% lighter version of the original color is **58.0879, 50.3295, 101.2607**, and **12.1753, 9.1351, 27.5071** is the 20% darker color. If you saturate the color by 10%, you get **25.0853, 18.6920, 55.7123**, and if you desaturate by 10%, it is **34.5086, 30.7087, 57.5351**.

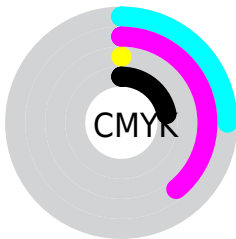
Distribution



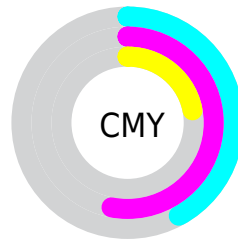
- Red (58%)
- Green (47%)
- Blue (78%)



- Red (58%)
- Yellow (47%)
- Blue (78%)



- Cyan (25%)
- Magenta (39%)
- Yellow (0%)
- Black (22%)



- Cyan (42%)
- Magenta (53%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4248, 24.1415, 56.5350 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 29.4248, 24.1415, 56.5350 by changing the saturation by 10% instead.

■ 29.4248, 24.1415,
56.5350

■ 29.4248, 24.1415,
56.5350

291.1722,
273.5351, 429.1494

■ 19.5483, 15.4386,
40.2252

■ 58.1442, 50.2610,
101.2800

■ 12.1735, 9.1278,
27.3990

■ 77.7179, 68.4464,
130.5522

■ 6.9350, 4.8246,
17.6380

■ 101.2546, 90.5615,
164.9822

■ 3.4674, 2.1447,
10.5237

129.1198,
116.9906, 204.9887

■ 1.4055, 0.6896,
5.6374

161.6788,
148.1181, 250.9901

■ 0.2601, 0.0000,
2.5607

199.2970,

■ 0.0000, 0.0000,

184.3284, 303.4050

0.8721

242.3397,
226.0059, 362.6519

■ 0.0000, 0.0000,
0.0000

■ 29.4248, 24.1415,
56.5350

■ 29.4248, 24.1415,
56.5350

■ 25.0853, 18.6920,
55.7123

■ 34.5086, 30.7087,
57.5351

■ 21.4492, 14.2925,
55.0547

■ 40.3694, 38.4504,
58.7205

■ 18.4752, 10.8721,
54.5513

■ 47.0410, 47.4226,
60.1006

■ 16.1163, 8.3495,
54.1887

■ 54.5545, 57.6772,
61.6840

■ 14.3180, 6.6297,
53.9515

■ 62.9392, 69.2627,
63.4783

■ 12.9952, 5.5573,
53.8142

■ 72.2228, 82.2254,
65.4910

■ 12.8656, 5.4550,
53.8013

■ 80.9458, 93.6366,
67.2339

■ 85.3067, 95.8847,
67.4380

■ 87.1931, 96.8572,
67.5262

Harmonies

Analogous

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



24.1140, 24.1415, 66.1063



29.4248, 24.1415, 56.5350



33.3744, 24.1415, 39.3357

Triad

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



29.4248, 24.1415, 56.5350



27.1377, 24.1415, 7.8161



14.3942, 24.1415, 29.7158

Complementary

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



29.4248, 24.1415, 56.5350



40.2235, 50.3152, 25.6819

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.



14.9532, 24.1415, 16.4981



29.4248, 24.1415, 56.5350



21.8159, 24.1415, 6.8940

Square

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



29.4248, 24.1415, 56.5350



31.9210, 24.1415, 12.6628



17.4953, 24.1415, 9.3756



15.8335, 24.1415, 47.2735

Rectangle

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



29.4248, 24.1415, 56.5350



34.4147, 24.1415, 28.0100



17.4953, 24.1415, 9.3756



14.3583, 24.1415, 24.6342

Sweetspot

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



29.4257, 24.1425, 56.5356



79.2486, 78.4986, 105.5826



32.6513, 37.2877, 58.9028



16.6229, 16.3445, 22.5286



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



29.4257, 24.1425, 56.5356



45.2634, 34.1416, 98.8121



37.3903, 28.2484, 56.9083



10.4148, 10.4721, 13.3899



8.4530, 3.5919, 34.9921



0.4796, 0.2110, 1.6606

Inverse Universe

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



37.3824, 28.5836, 41.5778



61.7353, 43.3540, 67.0175



33.2480, 46.7192, 25.3554



10.9131, 10.7486, 12.5257



17.6365, 8.8042, 13.8278



0.8690, 0.4304, 0.8332

Previews

White Background



This preview shows how the XYZ color 29.4248, 24.1415, 56.5350 looks on a white background.

Color Contrast Check

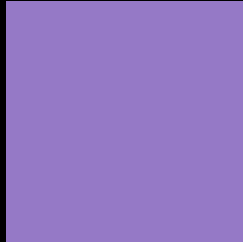
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4248, 24.1415, 56.5350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

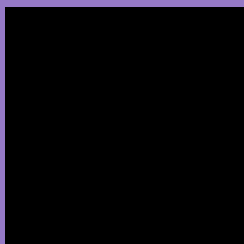
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.4248, 24.1415, 56.5350

Background



This preview shows how black text looks on a background with the XYZ color 29.4248, 24.1415, 56.5350.



This preview shows how white text looks on a background with the XYZ color 29.4248, 24.1415,

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

29.4248, 24.1415, 56.5350

Protanopia

25.8208, 24.2447, 62.9933

Deuteranopia

24.9310, 24.3698, 55.0196



Tritanopia

23.9929, 24.2472, 29.4022

Trichromacy



Original Color

29.4248, 24.1415, 56.5350

Protanomaly

26.7866, 24.0089, 60.3491

Deuteranomaly

26.2715, 24.0460, 55.4812

Tritanomaly

25.7888, 24.1845, 37.9592

Monochromacy



Original Color

29.4248, 24.1415, 56.5350

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.7518, 24.7914, 36.6857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4248, 24.1415, 56.5350 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(149, 121, 198)` looks like.

```
.text, #text, p{  
    color:rgb(149, 121, 198)  
}
```

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(149, 121, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 121, 198) }
```

Border

The CSS property to change the border of an element to XYZ 29.4248, 24.1415, 56.5350 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(149, 121, 198) }
```


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

```
.border{ border-color:rgb(149, 121, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 121, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 121, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 121, 198);  
box-shadow:4px 4px 4px 4px rgb(149, 121,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4248, 24.1415, 56.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 121, 198) }
```

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

```
.background{ background-color: rgb(149,  
121, 198) }
```

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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