

Converting Colors

XYZ(26.2415, 20.6674, 54.2359)

Have a look what the booklet for
XYZ(26.2415, 20.6674, 54.2359)
contains.

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Color

**XYZ(26.2415, 20.6674,
54.2359)**

Conversions

Conversions Part 1

Format	Color
Hex	8C6EC3
RGB	140, 110, 195
RGB Percent	55%, 43%, 76%
CMY	0.4510, 0.5686, 0.2353
CMYK	0.28, 0.44, 0.00, 0.24
HSL	261°, 41%, 60%
HSV	261°, 44%, 76%
XYZ	26.2415, 20.6674, 54.2359
YIQ	128.6600, -9.4050, 32.7950

Conversions

Conversions Part 2

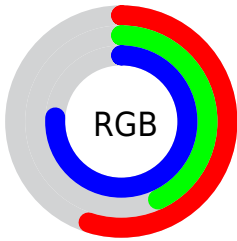
Format	Color
RYB	140, 110, 195
Decimal	9203395
CIELab	52.58, 29.96, -40.29
CIELCh	53, 50.209, 306.631
Yxy	20.6674, 0.2594, 0.2043
Android (android.graphics.Color)	4287393475 (0xFF8C6EC3)
YUV	128.6600, 32.7056, 9.9452
Hunter-Lab	45.4614, 23.4773, -38.9105

Details

The XYZ color **26.2415, 20.6674, 54.2359** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **37.8469, 48.1557, 22.0527**, and the grayscale version is **20.6399, 21.7148, 23.6474**.

A 20% lighter version of the original color is **52.9967, 44.4710, 97.8860**, and **10.4608, 7.3946, 26.0753** is the 20% darker color. If you saturate the color by 10%, you get **22.3590, 15.8792, 53.5167**, and if you desaturate by 10%, it is **30.8323, 26.5087, 55.1218**.

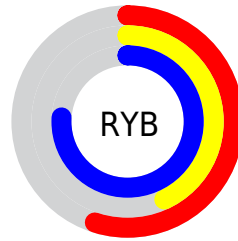
Distribution



Red (55%)

Green (43%)

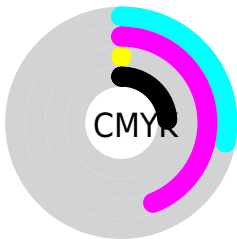
Blue (76%)



Red (55%)

Yellow (43%)

Blue (76%)

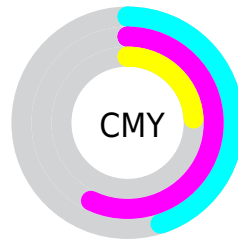


Cyan (28%)

Magenta (44%)

Yellow (0%)

Black (24%)



Cyan (45%)

Magenta (57%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2415, 20.6674, 54.2359 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 26.2415, 20.6674, 54.2359 by changing the saturation by 10% instead.

■ 26.2415, 20.6674,
54.2359

■ 26.2415, 20.6674,
54.2359

276.2006,
255.5056, 420.2090

■ 17.1380, 12.8811,
38.3958

■ 53.0928, 44.5333,
97.8804

■ 10.4289, 7.3467,
25.9858

■ 71.5714, 61.3818,
126.5219

■ 5.7487, 3.6799,
16.5874

■ 93.9057, 82.0197,
160.2677

■ 2.7321, 1.4961,
9.7819

■ 120.4610,
106.8315, 199.5362

■ 1.0137, 0.2860,
5.1509

151.6029,
136.2016, 244.7461

■ 0.0000, 0.0000,
2.2758

187.6965,

■ 0.0000, 0.0000,

170.5144, 296.3158

0.7176

229.1073,
210.1543, 354.6639

■ 0.0000, 0.0000,
0.0000

■ 26.2415, 20.6674,
54.2359

■ 26.2415, 20.6674,
54.2359

■ 22.3590, 15.8792,
53.5167

■ 30.8323, 26.5087,
55.1218

■ 19.1435, 12.0760,
52.9521

■ 36.1648, 33.4606,
56.1826

■ 16.5529, 9.1855,
52.5307

■ 42.2728, 41.5791,
57.4277

■ 14.5382, 7.1236,
52.2389

■ 49.1876, 50.9157,
58.8654

■ 13.0418, 5.7897,
52.0603

■ 56.9383, 61.5188,
60.5035

■ 12.2924, 5.1990,
51.9858

■ 65.5527, 73.4341,
62.3493

■ 75.0573, 86.7050,
64.4099

■ 81.8663, 94.1507,
65.4882

■ 86.3224, 96.4480,
65.6968

Harmonies

Analogous

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



20.8224, 20.6674, 64.6748



26.2415, 20.6674, 54.2359



30.3389, 20.6674, 35.8958

Triad

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



26.2415, 20.6674, 54.2359



23.8873, 20.6674, 5.1133



11.2846, 20.6674, 25.9785

Complementary

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



26.2415, 20.6674, 54.2359



37.8469, 48.1557, 22.0527

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.



11.8137, 20.6674, 12.9407



26.2415, 20.6674, 54.2359



18.5104, 20.6674, 4.3506

Square

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



26.2415, 20.6674, 54.2359



28.8205, 20.6674, 9.3669



14.2564, 20.6674, 6.4476



12.6565, 20.6674, 44.3061

Rectangle

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



26.2415, 20.6674, 54.2359



31.4255, 20.6674, 24.2301



14.2564, 20.6674, 6.4476



11.2503, 20.6674, 20.8606

Sweetspot

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



26.2423, 20.6682, 54.2364



76.1631, 75.0747, 102.9464



29.7816, 34.2563, 56.6726



16.1101, 15.6792, 22.4272



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.



26.2423, 20.6682, 54.2364



40.5452, 29.0455, 95.9392



34.7773, 25.0682, 54.6358



9.8562, 9.9170, 12.6795



8.0726, 3.4220, 33.7917



0.4241, 0.1867, 1.4636

Inverse Universe

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



34.8735, 25.4711, 38.6757



58.3215, 38.9590, 62.9124



30.4628, 44.3490, 21.7071



10.3414, 10.1852, 11.8886



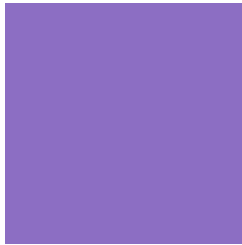
17.1235, 8.5392, 13.8285



0.7716, 0.3816, 0.7645

Previews

White Background



This preview shows how the XYZ color 26.2415, 20.6674, 54.2359 looks on a white background.

Color Contrast Check

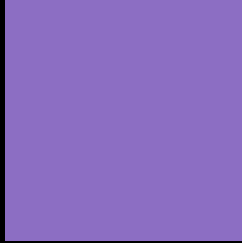
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2415, 20.6674, 54.2359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

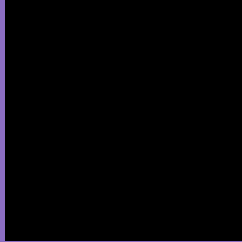
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2415, 20.6674, 54.2359

Background



This preview shows how black text looks on a background with the XYZ color 26.2415, 20.6674, 54.2359.



This preview shows how white text looks on a background with the XYZ color 26.2415, 20.6674,

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

26.2415, 20.6674, 54.2359

Protanopia

22.6372, 20.8975, 61.2330

Deuteranopia

21.3622, 20.8002, 52.7581



Tritanopia

20.3434, 20.6980, 25.1132

Trichromacy



Original Color

26.2415, 20.6674, 54.2359

Protanomaly

23.4458, 20.4723, 58.5929

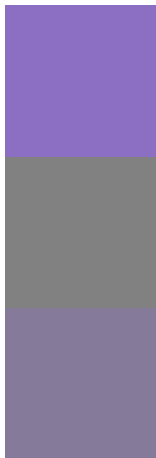
Deuteranomaly

22.7725, 20.5982, 53.2277

Tritanomaly

22.1133, 20.4995, 34.2438

Monochromacy



Original Color

26.2415, 20.6674, 54.2359

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.3822, 21.2055, 33.0504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2415, 20.6674, 54.2359 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(140, 110, 195)` looks like.

```
.text, #text, p{  
    color:rgb(140, 110, 195)  
}
```

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(140, 110, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 110, 195) }
```

Border

The CSS property to change the border of an element to XYZ 26.2415, 20.6674, 54.2359 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(140, 110, 195) }
```


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

```
.border{ border-color:rgb(140, 110, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 110, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 110, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 110, 195);  
box-shadow:4px 4px 4px 4px rgb(140, 110,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2415, 20.6674, 54.2359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 110, 195) }
```

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

```
.background{ background-color: rgb(140,  
110, 195) }
```

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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