

Converting Colors

XYZ(26.6180, 19.7977, 53.4573)

Have a look what the booklet for
XYZ(26.6180, 19.7977, 53.4573)
contains.

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Color

**XYZ(26.6205, 19.7986,
53.4574)**

Conversions

Conversions Part 1

Format	Color
Hex	9367C2
RGB	147, 103, 194
RGB Percent	58%, 40%, 76%
CMY	0.4235, 0.5961, 0.2392
CMYK	0.24, 0.47, 0.00, 0.24
HSL	269°, 43%, 58%
HSV	269°, 47%, 76%
XYZ	26.6205, 19.7986, 53.4574
YIQ	126.5300, -2.9870, 37.6290

Conversions

Conversions Part 2

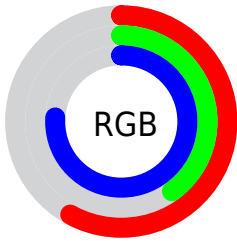
Format	Color
R_{YB}	147, 103, 194
Decimal	9660354
CIE _{Lab}	51.61, 35.72, -41.21
CIE _{LCh}	52, 54.537, 310.917
Yxy	19.7986, 0.2665, 0.1982
Android (android.graphics.Color)	4287850434 (0xFF9367C2)
YUV	126.5300, 33.2627, 17.9522
Hunter-Lab	44.4956, 28.9243, -40.0846

Details

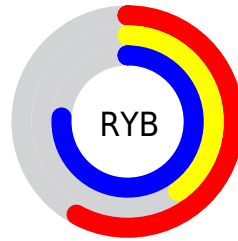
The XYZ color **26.6205, 19.7986, 53.4574** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **34.3181, 46.0473, 19.9119**, and the grayscale version is **19.9032, 20.9397, 22.8034**.

A 20% lighter version of the original color is **53.7625, 43.1042, 96.7531**, and **10.6689, 6.9115, 25.5827** is the 20% darker color. If you saturate the color by 10%, you get **23.1909, 15.4911, 52.8071**, and if you desaturate by 10%, it is **30.6557, 25.0836, 54.2652**.

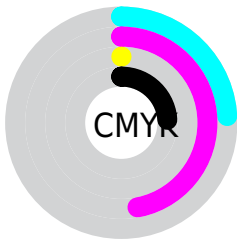
Distribution



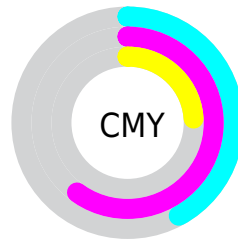
- Red (58%)
- Green (40%)
- Blue (76%)



- Red (58%)
- Yellow (40%)
- Blue (76%)



- Cyan (24%)
- Magenta (47%)
- Yellow (0%)
- Black (24%)



- Cyan (42%)
- Magenta (60%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6205, 19.7986, 53.4574 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 26.6205, 19.7986, 53.4574 by changing the saturation by 10% instead.

■ 26.6205, 19.7986,
53.4574

■ 26.6205, 19.7986,
53.4574

278.0161,
250.8227, 417.1535

■ 17.4235, 12.2487,
37.7778

■ 53.6985, 43.0793,
96.7254

■ 10.6341, 6.9133,
25.5098

■ 72.3102, 59.5788,
125.1510

■ 5.8868, 3.4079,
16.2348

■ 94.7909, 79.8305,
158.6623

■ 2.8164, 1.3482,
9.5343

■ 121.5059,
104.2185, 197.6778

■ 1.0574, 0.1781,
4.9898

152.8205,
133.1273, 242.6161

■ 0.0000, 0.0000,
2.1826

189.1002,

■ 0.0000, 0.0000,

166.9414, 293.8959

0.6643

230.7103,
206.0451, 351.9355

■ 0.0000, 0.0000,
0.0000

■ 26.6205, 19.7986,
53.4574

■ 26.6205, 19.7986,
53.4574

■ 23.1909, 15.4911,
52.8071

■ 30.6557, 25.0836,
54.2652

■ 20.3294, 12.0939,
52.3022

■ 35.3265, 31.4025,
55.2387

■ 17.9971, 9.5348,
51.9311

■ 40.6635, 38.8101,
56.3872

■ 16.1482, 7.7287,
51.6800

■ 46.6943, 47.3566,
57.7190

■ 14.7224, 6.5615,
51.5298

■ 53.4450, 57.0889,
59.2417

■ 14.3337, 6.2644,
51.4930

■ 60.9403, 68.0514,
60.9626

■ 69.2035, 80.2860,
62.8886

■ 77.2266, 91.7719,
64.6828

■ 80.4826, 93.4505,
64.8351

Harmonies

Analogous

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



20.8906, 19.7986, 67.0053



26.6205, 19.7986, 53.4574



30.6723, 19.7986, 33.0397

Triad

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



26.6205, 19.7986, 53.4574



22.4877, 19.7986, 3.7424



10.2337, 19.7986, 27.8105

Complementary

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



26.6205, 19.7986, 53.4574



34.3181, 46.0473, 19.9119

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.



10.4953, 19.7986, 13.1011



26.6205, 19.7986, 53.4574



16.8872, 19.7986, 3.4060

Square

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



26.6205, 19.7986, 53.4574



27.9837, 19.7986, 7.1922



12.7118, 19.7986, 5.8240



11.9103, 19.7986, 48.0678

Rectangle

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



26.6205, 19.7986, 53.4574



31.4815, 19.7986, 21.0766



12.7118, 19.7986, 5.8240



10.1077, 19.7986, 22.0453

Sweetspot

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



26.6213, 19.7994, 53.4579



76.4787, 74.2634, 102.7732



26.2408, 28.5973, 55.1761



16.2426, 15.5514, 22.3956



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.



26.6213, 19.7994, 53.4579



42.0261, 28.0784, 95.6744



36.4492, 24.8659, 53.9178



9.9814, 9.9816, 12.6854



9.5178, 4.1670, 33.8593



0.4908, 0.2211, 1.4667

Inverse Universe

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



32.6039, 23.3725, 31.6475



54.6625, 35.6301, 49.3949



27.5096, 42.5374, 19.5933



10.2855, 10.1628, 11.5940



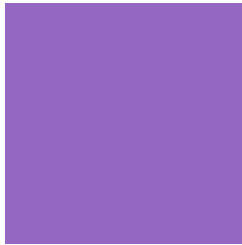
16.1877, 8.1649, 8.9007



0.7341, 0.3667, 0.5674

Previews

White Background



This preview shows how the XYZ color 26.6205, 19.7986, 53.4574 looks on a white background.

Color Contrast Check

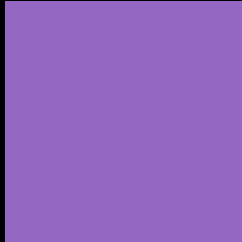
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6205, 19.7986, 53.4574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

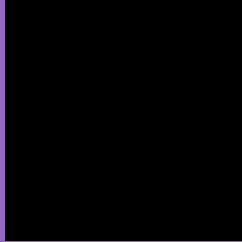
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6205, 19.7986, 53.4574

Background



This preview shows how black text looks on a background with the XYZ color 26.6205, 19.7986, 53.4574.



This preview shows how white text looks on a background with the XYZ color 26.6205, 19.7986,

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

26.6205, 19.7986, 53.4574

Protanopia

22.0956, 20.0174, 63.6719

Deuteranopia

20.4970, 20.0075, 51.4967



Tritanopia

20.3664, 19.6663, 23.1446

Trichromacy



Original Color

26.6205, 19.7986, 53.4574

Protanomaly

23.1007, 19.5824, 59.6890

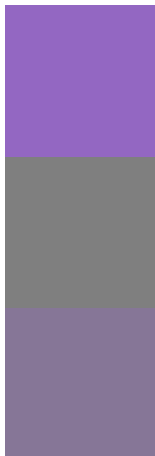
Deuteranomaly

22.0798, 19.5674, 51.9034

Tritanomaly

22.2201, 19.5662, 32.3113

Monochromacy



Original Color

26.6205, 19.7986, 53.4574

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.8959, 20.2596, 32.0346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6205, 19.7986, 53.4574 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(147, 103, 194)` looks like.

```
.text, #text, p{  
    color:rgb(147, 103, 194)  
}
```

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(147, 103, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 103, 194) }
```

Border

The CSS property to change the border of an element to XYZ 26.6205, 19.7986, 53.4574 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(147, 103, 194) }
```


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

```
.border{ border-color:rgb(147, 103, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 103, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 103, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 103, 194);  
box-shadow:4px 4px 4px 4px rgb(147, 103,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6205, 19.7986, 53.4574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 103, 194) }
```

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

```
.background{ background-color: rgb(147,  
103, 194) }
```

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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