

Converting Colors

XYZ(26.2801, 19.5051, 52.1351)

Have a look what the booklet for
XYZ(26.2801, 19.5051, 52.1351)
contains.

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Color

**XYZ(26.2984, 19.5116,
52.2492)**

Conversions

Conversions Part 1

Format	Color
Hex	9366C0
RGB	147, 102, 192
RGB Percent	58%, 40%, 75%
CMY	0.4235, 0.6000, 0.2471
CMYK	0.23, 0.47, 0.00, 0.25
HSL	270°, 42%, 58%
HSV	270°, 47%, 75%
XYZ	26.2984, 19.5116, 52.2492
YIQ	125.7150, -2.0700, 37.5300

Conversions

Conversions Part 2

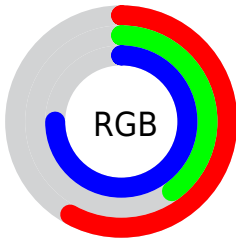
Format	Color
RYB	147, 102, 192
Decimal	9660096
CIELab	51.28, 35.81, -40.58
CIElCh	51, 54.121, 311.427
Yxy	19.5116, 0.2682, 0.1990
Android (android.graphics.Color)	4287850176 (0xFF9366C0)
YUV	125.7150, 32.6785, 18.6669
Hunter-Lab	44.1719, 28.9717, -39.2114

Details

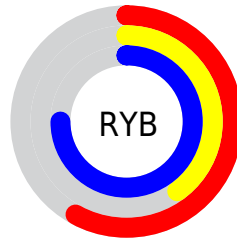
The XYZ color **26.2984, 19.5116, 52.2492** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **33.2811, 44.8621, 19.4763**, and the grayscale version is **19.6284, 20.6506, 22.4886**.

A 20% lighter version of the original color is **53.2831, 42.6473, 95.0460**, and **10.4766, 6.7609, 24.7976** is the 20% darker color. If you saturate the color by 10%, you get **22.9752, 15.3146, 51.6146**, and if you desaturate by 10%, it is **30.2037, 24.6581, 53.0371**.

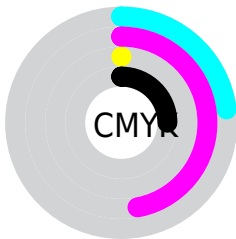
Distribution



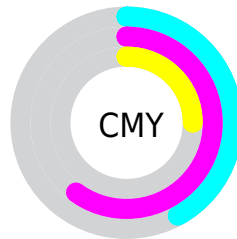
- Red (58%)
- Green (40%)
- Blue (75%)



- Red (58%)
- Yellow (40%)
- Blue (75%)



- Cyan (23%)
- Magenta (47%)
- Yellow (0%)
- Black (25%)



- Cyan (42%)
- Magenta (60%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2984, 19.5116, 52.2492 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 26.2984, 19.5116, 52.2492 by changing the saturation by 10% instead.

■ 26.2984, 19.5116,
52.2492

■ 26.2984, 19.5116,
52.2492

276.4738,
249.2587, 412.3822

■ 17.1809, 12.0405,
36.8201

■ 53.1838, 42.5968,
94.9290

■ 10.4596, 6.7713,
24.7736

■ 71.6824, 58.9797,
123.0168

■ 5.7693, 3.3195,
15.6910

■ 94.0387, 79.1021,
156.1612

■ 2.7447, 1.3007,
9.1537

■ 120.6182,
103.3482, 194.7809

■ 1.0202, 0.1418,
4.7434

151.7860,
132.1026, 239.2942

■ 0.0000, 0.0000,
2.0414

187.9077,

■ 0.0000, 0.0000,

165.7495, 290.1199

0.5806

229.3485,
204.6734, 347.6764

■ 0.0000, 0.0000,
0.0000

■ 26.2984, 19.5116,
52.2492

■ 26.2984, 19.5116,
52.2492

■ 22.9752, 15.3146,
51.6146

■ 30.2037, 24.6581,
53.0371

■ 20.1979, 12.0018,
51.1215

■ 34.7199, 30.8089,
53.9863

■ 17.9289, 9.5030,
50.7588

■ 39.8764, 38.0171,
55.1058

■ 16.1243, 7.7358,
50.5128

■ 45.6999, 46.3316,
56.4037

■ 14.7254, 6.5889,
50.3652

■ 52.2155, 55.7979,
57.8875

■ 14.3384, 6.2926,
50.3284

■ 59.4470, 66.4590,
59.5642

■ 67.4168, 78.3559,
61.4405

■ 75.9536, 91.1415,
63.4584

■ 79.0101, 92.7172,
63.6014

Harmonies

Analogous

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



20.6793, 19.5116, 65.7512



26.2984, 19.5116, 52.2492



30.2310, 19.5116, 32.1929

Triad

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



26.2984, 19.5116, 52.2492



22.0526, 19.5116, 3.6860



10.1163, 19.5116, 27.6975

Complementary

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



26.2984, 19.5116, 52.2492



33.2811, 44.8621, 19.4763

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.



10.3416, 19.5116, 13.1115



26.2984, 19.5116, 52.2492



16.5632, 19.5116, 3.3956

Square

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



26.2984, 19.5116, 52.2492



27.4703, 19.5116, 7.0185



12.4886, 19.5116, 5.8392



11.7988, 19.5116, 47.6187

Rectangle

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



26.2984, 19.5116, 52.2492



30.9816, 19.5116, 20.5127



12.4886, 19.5116, 5.8392



9.9817, 19.5116, 21.9942

Sweetspot

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



26.2991, 19.5124, 52.2496



74.9292, 72.6770, 100.4391



25.4283, 27.4988, 53.8371



15.6018, 14.9210, 21.4430



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.2991, 19.5124, 52.2496



41.6165, 27.7329, 93.5198



36.0045, 24.5157, 52.7039



9.9974, 9.9898, 12.6861



9.7380, 4.2805, 33.8696



0.5003, 0.2259, 1.4671

Inverse Universe

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



31.7566, 22.8165, 30.3347



53.1906, 34.7402, 47.0436



26.7280, 41.4839, 19.1696



10.2785, 10.1600, 11.5572



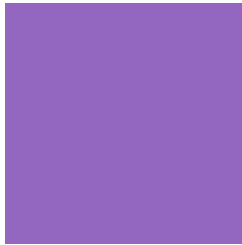
16.0875, 8.1248, 8.3728



0.7299, 0.3650, 0.5450

Previews

White Background



This preview shows how the XYZ color 26.2984, 19.5116, 52.2492 looks on a white background.

Color Contrast Check

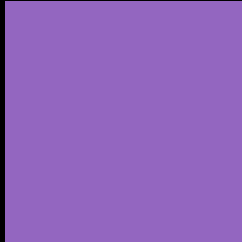
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2984, 19.5116, 52.2492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

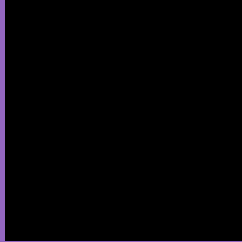
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2984, 19.5116, 52.2492

Background



This preview shows how black text looks on a background with the XYZ color 26.2984, 19.5116, 52.2492.

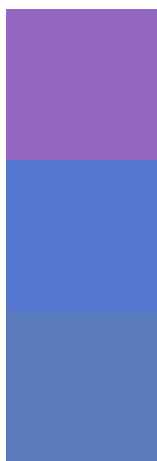


This preview shows how white text looks on a background with the XYZ color 26.2984, 19.5116,

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

26.2984, 19.5116, 52.2492

Protanopia

21.7283, 19.6790, 62.3277

Deuteranopia

20.2531, 19.7236, 50.3165



Tritanopia

20.2805, 19.4632, 22.4265

Trichromacy



Original Color

26.2984, 19.5116, 52.2492

Protanomaly

22.7501, 19.2627, 58.3961

Deuteranomaly

21.8716, 19.3151, 50.7195

Tritanomaly

22.1144, 19.3658, 31.4266

Monochromacy



Original Color

26.2984, 19.5116, 52.2492

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.6978, 19.9929, 31.5696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2984, 19.5116, 52.2492 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, 102, 192)` looks like.

```
.text, #text, p{  
    color:rgb(147, 102, 192)  
}
```

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, 102, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 102, 192) }
```

Border

The CSS property to change the border of an element to XYZ 26.2984, 19.5116, 52.2492 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, 102, 192) }
```


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

```
.border{ border-color:rgb(147, 102, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 102, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 102, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 102, 192);  
box-shadow:4px 4px 4px 4px rgb(147, 102,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2984, 19.5116, 52.2492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 102, 192) }
```

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

```
.background{ background-color: rgb(147,  
102, 192) }
```

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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