

Converting Colors

XYZ(26.7884, 19.4904, 64.6375)

Have a look what the booklet for XYZ(26.7884, 19.4904, 64.6375) contains.

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Color

**XYZ(26.7884, 19.4904,
64.6375)**

Conversions

Conversions Part 1

Format	Color
Hex	8866D4
RGB	136, 102, 212
RGB Percent	53%, 40%, 83%
CMY	0.4667, 0.6000, 0.1686
CMYK	0.36, 0.52, 0.00, 0.17
HSL	259°, 56%, 62%
HSV	259°, 52%, 83%
XYZ	26.7884, 19.4904, 64.6375
YIQ	124.7060, -15.0460, 41.4180

Conversions

Conversions Part 2

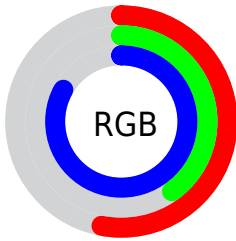
Format	Color
RYB	136, 102, 212
Decimal	8939220
CIELab	51.26, 37.93, -52.13
CIELCh	51, 64.466, 306.037
Yxy	19.4904, 0.2415, 0.1757
Android (android.graphics.Color)	4287129300 (0xFF8866D4)
YUV	124.7060, 43.0359, 9.9048
Hunter-Lab	44.1479, 31.0526, -55.9036

Details

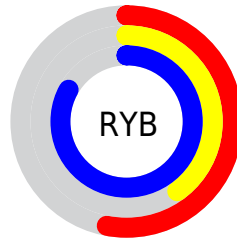
The XYZ color **26.7884, 19.4904, 64.6375** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **44.3017, 57.5114, 21.3366**, and the grayscale version is **19.2587, 20.2617, 22.0650**.

A 20% lighter version of the original color is **51.5979, 41.6687, 99.9311**, and **10.7983, 6.8220, 32.6459** is the 20% darker color. If you saturate the color by 10%, you get **22.7467, 14.6997, 63.9262**, and if you desaturate by 10%, it is **31.6895, 25.5154, 65.5425**.

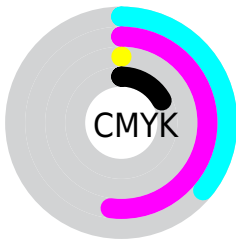
Distribution



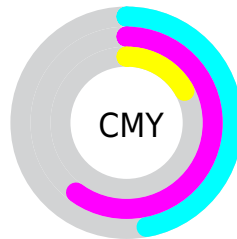
- Red (53%)
- Green (40%)
- Blue (83%)



- Red (53%)
- Yellow (40%)
- Blue (83%)



- Cyan (36%)
- Magenta (52%)
- Yellow (0%)
- Black (17%)



- Cyan (47%)
- Magenta (60%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7884, 19.4904, 64.6375 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 26.7884, 19.4904, 64.6375 by changing the saturation by 10% instead.

■ 26.7884, 19.4904,
64.6375

■ 26.7884, 19.4904,
64.6375

278.8174,
249.1428, 459.7587

■ 17.5501, 12.0252,
46.7177

■ 53.9664, 42.5611,
113.1368

■ 10.7252, 6.7608,
32.4598

■ 72.6369, 58.9354,
144.5534

■ 5.9483, 3.3130,
21.4452

■ 95.1821, 79.0482,
181.3061

■ 2.8540, 1.2972,
13.2554

■ 121.9675,
103.2838, 223.8133

■ 1.0770, 0.1391,
7.4719

153.3583,
132.0267, 272.4936

■ 0.0058, 0.0000,
3.6760

189.7200,

■ 0.0000, 0.0000,

165.6612, 327.7656

1.4494

231.4179,
204.5718, 390.0478

■ 0.0000, 0.0000,
0.1798

■ 0.0000, 0.0000,
0.0000

■ 26.7884, 19.4904,
64.6375

■ 26.7884, 19.4904,
64.6375

■ 22.7467, 14.6997,
63.9262

■ 31.6895, 25.5154,
65.5425

■ 19.5074, 11.0515,
63.3928

■ 37.4969, 32.8532,
66.6528

■ 17.0097, 8.4441,
63.0211

■ 44.2571, 41.5780,
67.9805

■ 15.1816, 6.7558,
62.7916

■ 52.0122, 51.7578,
69.5367

■ 14.0991, 5.8956,
62.6826

■ 60.8020, 63.4562,
71.3314

■ 70.6637, 76.7328,
73.3743

■ 81.6331, 91.6441,
75.6743

■ 88.2168, 97.1897,
76.3977

■ 88.8837, 97.5335,
76.4289

Harmonies

Analogous

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



19.8555, 19.4904, 79.4651



26.7884, 19.4904, 64.6375



32.2688, 19.4904, 39.0870

Triad

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



26.7884, 19.4904, 64.6375



24.0114, 19.4904, 2.5270



8.7525, 19.4904, 25.1661

Complementary

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



26.7884, 19.4904, 64.6375



44.3017, 57.5114, 21.3366

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.



9.3711, 19.4904, 9.8481



26.7884, 19.4904, 64.6375



17.2554, 19.4904, 1.8972

Square

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



26.7884, 19.4904, 64.6375



30.4234, 19.4904, 6.4669



12.1641, 19.4904, 3.5394



10.2208, 19.4904, 49.5973

Rectangle

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



26.7884, 19.4904, 64.6375



33.7915, 19.4904, 23.7630



12.1641, 19.4904, 3.5394



8.7289, 19.4904, 18.8684

Sweetspot

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



26.7892, 19.4911, 64.6380



73.7664, 71.7147, 104.5622



33.4837, 39.8189, 68.2088



15.2669, 14.6648, 22.2759



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.



26.7892, 19.4911, 64.6380



34.1288, 21.8409, 97.0247



37.8707, 25.2038, 65.1566



12.1001, 12.1930, 15.6533



8.7947, 3.6864, 38.7012



0.6144, 0.2656, 2.3382

Inverse Universe

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



39.9388, 26.7145, 45.1701



56.6618, 34.2534, 62.1001



34.2544, 52.3318, 20.8664



12.7820, 12.5643, 14.7922



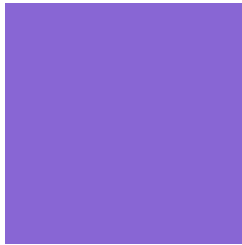
20.0342, 9.9500, 18.0160



1.2447, 0.6147, 1.2780

Previews

White Background



This preview shows how the XYZ color 26.7884, 19.4904, 64.6375 looks on a white background.

Color Contrast Check

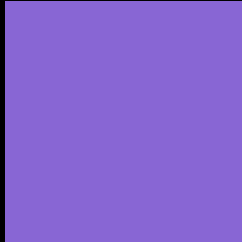
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7884, 19.4904, 64.6375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

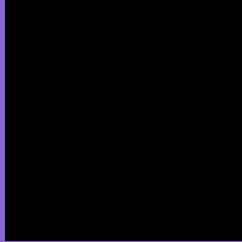
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7884, 19.4904, 64.6375

Background



This preview shows how black text looks on a background with the XYZ color 26.7884, 19.4904, 64.6375.



This preview shows how white text looks on a background with the XYZ color 26.7884, 19.4904,

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

26.7884, 19.4904, 64.6375

Protanopia

22.5964, 19.6483, 76.0003

Deuteranopia

20.2089, 19.6316, 61.7556



Tritanopia

18.7321, 19.5069, 24.6077

Trichromacy



Original Color

26.7884, 19.4904, 64.6375

Protanomaly

23.1954, 19.0359, 71.5590

Deuteranomaly

21.6639, 18.9396, 62.8355

Tritanomaly

21.0212, 19.1947, 36.3152

Monochromacy



Original Color

26.7884, 19.4904, 64.6375

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.5004, 19.8240, 34.5915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7884, 19.4904, 64.6375 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(136, 102, 212)` looks like.

```
.text, #text, p{  
    color:rgb(136, 102, 212)  
}
```

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(136, 102, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 102, 212) }
```

Border

The CSS property to change the border of an element to XYZ 26.7884, 19.4904, 64.6375 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(136, 102, 212) }
```


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

```
.border{ border-color:rgb(136, 102, 212) }
```

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

Here you see how a box with a 4 pixel rgb(136, 102, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 102, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 102, 212);  
box-shadow:4px 4px 4px 4px rgb(136, 102,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7884, 19.4904, 64.6375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 102, 212) }
```

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

```
.background{ background-color: rgb(136,  
102, 212) }
```

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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