

Converting Colors

XYZ(27.4056, 19.2258, 69.4916)

Have a look what the booklet for
XYZ(27.4056, 19.2258, 69.4916)
contains.

XYZ(27.4014, 19.2724, 69.2936)	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(27.4014, 19.2724,
69.2936)**

Conversions

Conversions Part 1

Format	Color
Hex	8863DB
RGB	136, 99, 219
RGB Percent	53%, 39%, 86%
CMY	0.4667, 0.6118, 0.1412
CMYK	0.38, 0.55, 0.00, 0.14
HSL	259°, 63%, 62%
HSV	259°, 55%, 86%
XYZ	27.4014, 19.2724, 69.2936
YIQ	123.7430, -16.4680, 45.1640

Conversions

Conversions Part 2

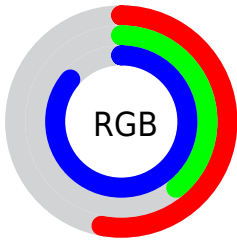
Format	Color
R _Y B	136, 99, 219
Decimal	8938459
CIE Lab	51.00, 41.49, -56.51
CIE LCh	51, 70.104, 306.290
Yxy	19.2724, 0.2363, 0.1662
Android (android.graphics.Color)	4287128539 (0xFF8863DB)
YUV	123.7430, 46.9617, 10.7494
Hunter-Lab	43.9003, 34.5893, -62.8549

Details

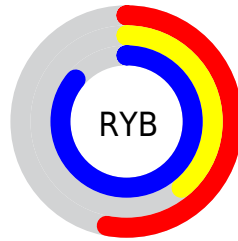
The XYZ color **27.4014, 19.2724, 69.2936** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **46.8749, 61.5091, 21.2067**, and the grayscale version is **18.9263, 19.9119, 21.6841**.

A 20% lighter version of the original color is **51.1089, 40.6907, 99.7681**, and **11.0597, 6.6310, 35.3473** is the 20% darker color. If you saturate the color by 10%, you get **23.3124, 14.4911, 68.5866**, and if you desaturate by 10%, it is **32.4022, 25.3591, 70.2053**.

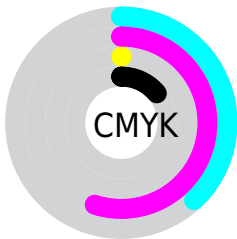
Distribution



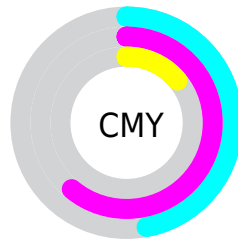
- Red (53%)
- Green (39%)
- Blue (86%)



- Red (53%)
- Yellow (39%)
- Blue (86%)



- Cyan (38%)
- Magenta (55%)
- Yellow (0%)
- Black (14%)



- Cyan (47%)
- Magenta (61%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4014, 19.2724, 69.2936 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 27.4014, 19.2724, 69.2936 by changing the saturation by 10% instead.

■ 27.4014, 19.2724,
69.2936

■ 27.4014, 19.2724,
69.2936

281.7276,
247.9485, 476.7878

■ 18.0131, 11.8673,
50.4776

■ 54.9427, 42.1939,
119.8725

■ 11.0591, 6.6534,
35.4192

■ 73.8263, 58.4790,
152.4724

■ 6.1742, 3.2463,
23.6998

■ 96.6058, 78.4930,
190.5042

■ 2.9930, 1.2616,
14.9010

■ 123.6464,
102.6201, 234.3861

■ 1.1500, 0.1112,
8.6041

155.3135,
131.2448, 284.5370

■ 0.0664, 0.0000,
4.3906

191.9725,

■ 0.0000, 0.0000,

164.7515, 341.3751

1.8420

233.9888,
203.5246, 405.3192

■ 0.0000, 0.0000,
0.4554

■ 0.0000, 0.0000,
0.0000

■ 27.4014, 19.2724,
69.2936

■ 27.4014, 19.2724,
69.2936

■ 23.3124, 14.4911,
68.5866

■ 32.4022, 25.3591,
70.2053

■ 20.0715, 10.9125,
68.0667

■ 38.3674, 32.8392,
71.3347

■ 17.6099, 8.4210,
67.7155

■ 45.3483, 41.7950,
72.6954

■ 15.8449, 6.8758,
67.5103

■ 53.3916, 52.3018,
74.2995

■ 15.1375, 6.3266,
67.4416

■ 62.5410, 64.4298,
76.1582

■ 72.8378, 78.2446,
78.2820

■ 84.3211, 93.8084,
80.6809

■ 89.7863, 97.8945,
81.1815

Harmonies

Analogous

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



19.8184, 19.2724, 86.4658



27.4014, 19.2724, 69.2936



33.4464, 19.2724, 40.3992

Triad

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



27.4014, 19.2724, 69.2936



24.2222, 19.2724, 1.8415



8.0008, 19.2724, 25.4541

Complementary

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



27.4014, 19.2724, 69.2936



46.8749, 61.5091, 21.2067

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.



8.6179, 19.2724, 9.0664



27.4014, 19.2724, 69.2936



16.8950, 19.2724, 1.3112

Square

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



27.4014, 19.2724, 69.2936



31.3104, 19.2724, 5.5224



11.5028, 19.2724, 2.7979



9.5325, 19.2724, 52.6883

Rectangle

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



27.4014, 19.2724, 69.2936



35.1136, 19.2724, 23.5548



11.5028, 19.2724, 2.7979



7.9707, 19.2724, 18.6081

Sweetspot

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



27.4022, 19.2731, 69.2941



73.7567, 71.7097, 104.5617



34.8657, 41.6346, 73.2169



15.2646, 14.6637, 22.2758



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.



27.4022, 19.2731, 69.2941



32.0141, 19.4422, 96.6731



39.7542, 25.6407, 69.8721



12.7145, 12.8109, 16.4548



9.0746, 3.8023, 39.9940



0.6747, 0.2911, 2.5951

Inverse Universe

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



42.1189, 27.3615, 47.3165



55.4159, 32.3447, 59.8873



35.7525, 55.7753, 20.6862



13.4345, 13.2029, 15.5494



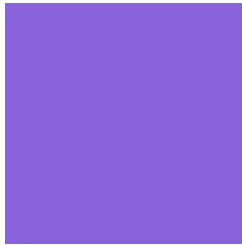
20.7082, 10.2843, 18.6411



1.3795, 0.6814, 1.4073

Previews

White Background



This preview shows how the XYZ color 27.4014, 19.2724, 69.2936 looks on a white background.

Color Contrast Check

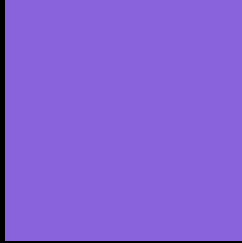
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4014, 19.2724, 69.2936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

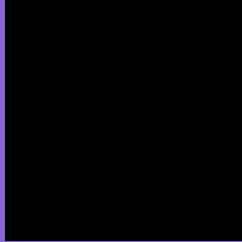
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.4014, 19.2724, 69.2936

Background



This preview shows how black text looks on a background with the XYZ color 27.4014, 19.2724, 69.2936.



This preview shows how white text looks on a background with the XYZ color 27.4014, 19.2724,

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

27.4014, 19.2724, 69.2936

Protanopia

22.9662, 19.5000, 83.4423

Deuteranopia

20.1350, 19.4924, 66.3195



Tritanopia

18.3924, 19.3397, 24.2363

Trichromacy



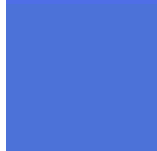
Original Color

27.4014, 19.2724, 69.2936



Protanomaly

23.2242, 18.5836, 77.9643



Deuteranomaly

21.3925, 18.5290, 67.4147



Tritanomaly

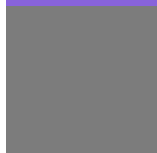
20.9404, 18.9641, 37.2071

Monochromacy



Original Color

27.4014, 19.2724, 69.2936



Achromatopsia

19.1579, 20.1556, 21.9495



Achromatomaly

21.2908, 19.3539, 35.4144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4014, 19.2724, 69.2936 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, 99, 219)` looks like.

```
.text, #text, p{  
    color:rgb(136, 99, 219)  
}
```

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, 99, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 99, 219) }
```

Border

The CSS property to change the border of an element to XYZ 27.4014, 19.2724, 69.2936 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, 99, 219) }
```


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

```
.border{ border-color:rgb(136, 99, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 99, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 99, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 99, 219);  
box-shadow:4px 4px 4px 4px rgb(136, 99,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4014, 19.2724, 69.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 99, 219) }
```

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

```
.background{ background-color: rgb(136, 99,  
219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor