

Converting Colors

XYZ(20.0590, 19.6285, 29.2920)

Have a look what the booklet for
XYZ(20.0590, 19.6285, 29.2920)
contains.

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Color

**XYZ(19.9430, 19.4924,
29.0968)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7790
RGB	124, 119, 144
RGB Percent	49%, 47%, 56%
CMY	0.5137, 0.5333, 0.4353
CMYK	0.14, 0.17, 0.00, 0.44
HSL	252°, 10%, 52%
HSV	252°, 17%, 56%
XYZ	19.9430, 19.4924, 29.0968
YIQ	123.3450, -5.0450, 8.8350

Conversions

Conversions Part 2

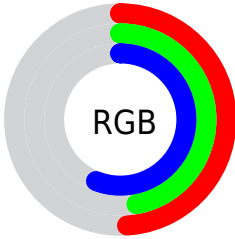
Format	Color
RYB	124, 119, 144
Decimal	8157072
CIELab	51.26, 7.21, -12.86
CIELCh	51, 14.741, 299.263
Yxy	19.4924, 0.2910, 0.2844
Android (android.graphics.Color)	4286347152 (0xFF7C7790)
YUV	123.3450, 10.1829, 0.5744
Hunter-Lab	44.1502, 3.3670, -8.1694

Details

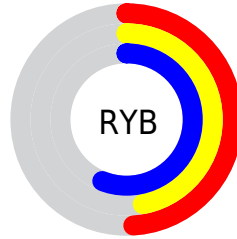
The XYZ color **19.9430, 19.4924, 29.0968** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **23.9513, 26.7679, 21.3582**, and the grayscale version is **18.9098, 19.8946, 21.6652**.

A 20% lighter version of the original color is **42.8874, 42.5501, 59.3787**, and **7.1753, 6.8105, 11.5261** is the 20% darker color. If you saturate the color by 10%, you get **16.7886, 15.5124, 28.4952**, and if you desaturate by 10%, it is **23.5528, 24.0937, 29.7950**.

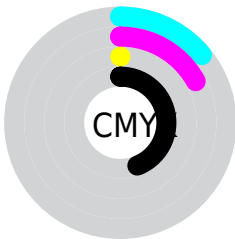
Distribution



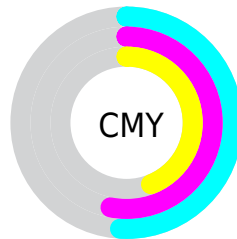
- Red (49%)
- Green (47%)
- Blue (56%)



- Red (49%)
- Yellow (47%)
- Blue (56%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)
- Black (44%)



- Cyan (51%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9430, 19.4924, 29.0968 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 19.9430, 19.4924, 29.0968 by changing the saturation by 10% instead.

■ 19.9430, 19.4924,
29.0968

■ 19.9430, 19.4924,
29.0968

244.4458,
249.1538, 311.7466

■ 12.4616, 12.0266,
18.9079

■ 42.8263, 42.5645,
59.2749

■ 7.1333, 6.7618,
11.4276

■ 58.9589, 58.9396,
80.1011

■ 3.5927, 3.3136,
6.2374

■ 78.7060, 79.0533,
105.3101

■ 1.4744, 1.2976,
2.9189

102.4329,
103.2899, 135.3205

■ 0.3083, 0.1393,
1.0534

130.5050,
132.0338, 170.5508

■ 0.0000, 0.0000,
0.0000

163.2876,

165.6695, 211.4196

201.1461,
204.5814, 258.3453

■ 19.9430, 19.4924,
29.0968

■ 19.9430, 19.4924,
29.0968

■ 16.7886, 15.5124,
28.4952

■ 23.5528, 24.0937,
29.7950

■ 14.0696, 12.1246,
27.9845

■ 27.6335, 29.3389,
30.5923

■ 11.7669, 9.3010,
27.5609

■ 32.2021, 35.2525,
31.4930

■ 9.8594, 7.0105,
27.2193

■ 37.2741, 41.8571,
32.5005

■ 8.3242, 5.2189,
26.9544

■ 42.8643, 49.1741,
33.6182

7.1356, 3.8881,
26.7602

48.9870, 57.2239,
34.8492

6.2648, 2.9741,
26.6297

55.6559, 66.0263,
36.1968

5.6658, 2.4006,
26.5505

62.8842, 75.6002,
37.6638

5.5348, 2.2718,
26.5326

70.6845, 85.9639,
39.2530

Harmonies

Analogous

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



18.4906, 19.4924, 30.3893



19.9430, 19.4924, 29.0968



21.0637, 19.4924, 25.6353

Triad

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



19.9430, 19.4924, 29.0968



20.0092, 19.4924, 14.9996



15.8423, 19.4924, 21.1199

Complementary

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



19.9430, 19.4924, 29.0968



23.9513, 26.7679, 21.3582

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.



16.2025, 19.4924, 17.3501



19.9430, 19.4924, 29.0968



18.5633, 19.4924, 14.1159

Square

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



19.9430, 19.4924, 29.0968



21.1034, 19.4924, 17.5083



17.1796, 19.4924, 14.9171



16.1692, 19.4924, 25.4312

Rectangle

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



19.9430, 19.4924, 29.0968



21.4446, 19.4924, 22.7678



17.1796, 19.4924, 14.9171



15.8867, 19.4924, 19.7514

Sweetspot

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



19.9436, 19.4932, 29.0972



43.0918, 44.4820, 52.8527



21.9355, 24.5223, 29.9630



9.7817, 10.0722, 12.1008



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.9436, 19.4932, 29.0972



32.8151, 31.3933, 50.8680



21.7984, 20.4494, 29.1840



5.2241, 5.3037, 6.7771



4.8363, 1.9868, 23.1057



0.0611, 0.0266, 0.2216

Inverse Universe

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



22.7594, 20.9880, 27.2788



38.7985, 34.5714, 46.9239



22.0437, 25.7845, 21.2689



5.5807, 5.4928, 6.5559



12.7296, 6.2488, 14.7590



0.1293, 0.0628, 0.1811

Previews

White Background



This preview shows how the XYZ color 19.9430, 19.4924, 29.0968 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 19.9430, 19.4924, 29.0968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

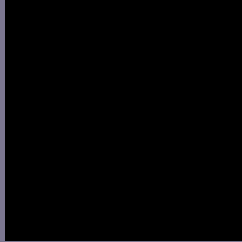
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.9430, 19.4924, 29.0968

Background



This preview shows how black text looks on a background with the XYZ color 19.9430, 19.4924, 29.0968.



This preview shows how white text looks on a background with the XYZ color 19.9430, 19.4924,

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

19.9430, 19.4924, 29.0968

Protanopia

19.2843, 19.5010, 29.5357

Deuteranopia

19.7992, 19.4182, 29.0901



Tritanopia

18.9601, 19.4510, 24.2278

Trichromacy



Original Color

19.9430, 19.4924, 29.0968

Protanomaly

19.5730, 19.4703, 29.5146

Deuteranomaly

19.7992, 19.4182, 29.0901

Tritanomaly

19.3288, 19.4215, 26.0225

Monochromacy



Original Color

19.9430, 19.4924, 29.0968

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.2246, 19.7687, 24.2752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9430, 19.4924, 29.0968 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(124, 119, 144)` looks like.

```
.text, #text, p{  
    color:rgb(124, 119, 144)  
}
```

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(124, 119, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 119, 144) }
```

Border

The CSS property to change the border of an element to XYZ 19.9430, 19.4924, 29.0968 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(124, 119, 144) }
```


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

```
.border{ border-color:rgb(124, 119, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 119, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 119, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 119, 144); box-shadow:4px 4px 4px 4px rgb(124, 119, 144) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9430, 19.4924, 29.0968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 119, 144) }
```

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

```
.background{ background-color: rgb(124,  
119, 144) }
```

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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