

Converting Colors

XYZ(20.0973, 19.5541, 29.9092)

Have a look what the booklet for
XYZ(20.0973, 19.5541, 29.9092)
contains.

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Color

**XYZ(20.0973, 19.5541,
29.9092)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7792
RGB	124, 119, 146
RGB Percent	49%, 47%, 57%
CMY	0.5137, 0.5333, 0.4274
CMYK	0.15, 0.18, 0.00, 0.43
HSL	251°, 11%, 52%
HSV	251°, 18%, 57%
XYZ	20.0973, 19.5541, 29.9092
YIQ	123.5730, -5.6870, 9.4570

Conversions

Conversions Part 2

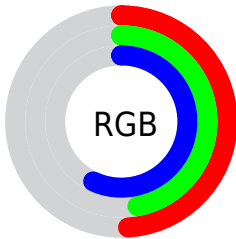
Format	Color
R_{YB}	124, 119, 146
Decimal	8157074
CIE Lab	51.33, 7.66, -13.93
CIE LCh	51, 15.895, 298.827
Yxy	19.5541, 0.2889, 0.2811
Android (android.graphics.Color)	4286347154 (0xFF7C7792)
YUV	123.5730, 11.0565, 0.3745
Hunter-Lab	44.2200, 3.7404, -9.1481

Details

The XYZ color **20.0973, 19.5541, 29.9092** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.5939, 27.5529, 21.4758**, and the grayscale version is **18.9826, 19.9712, 21.7486**.

A 20% lighter version of the original color is **43.1197, 42.6431, 60.6019**, and **7.2204, 6.8286, 11.7640** is the 20% darker color. If you saturate the color by 10%, you get **16.8747, 15.5089, 29.2986**, and if you desaturate by 10%, it is **23.7956, 24.2418, 30.6194**.

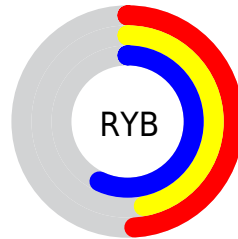
Distribution



Red (49%)

Green (47%)

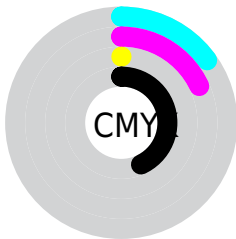
Blue (57%)



Red (49%)

Yellow (47%)

Blue (57%)

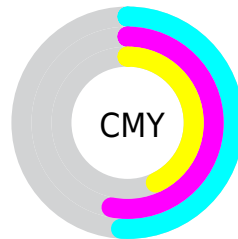


Cyan (15%)

Magenta (18%)

Yellow (0%)

Black (43%)



Cyan (51%)

Magenta (53%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0973, 19.5541, 29.9092 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 20.0973, 19.5541, 29.9092 by changing the saturation by 10% instead.

■ 20.0973, 19.5541,
29.9092

■ 20.0973, 19.5541,
29.9092

245.2649,
249.4909, 315.6751

■ 12.5745, 12.0713,
19.5182

■ 43.0830, 42.6683,
60.5779

■ 7.2112, 6.7923,
11.8647

■ 59.2765, 59.0686,
81.6926

■ 3.6420, 3.3325,
6.5302

■ 79.0910, 79.2101,
107.2190

■ 1.5017, 1.3077,
3.0961

102.8917,
103.4773, 137.5757

■ 0.3270, 0.1472,
1.1439

131.0442,
132.2546, 173.1811

■ 0.0000, 0.0000,
0.0000

163.9136,

165.9264, 214.4537

201.8654,
204.8770, 261.8122

■ 20.0973, 19.5541,
29.9092

■ 20.0973, 19.5541,
29.9092

■ 16.8747, 15.5089,
29.2986

■ 23.7956, 24.2418,
30.6194

■ 14.1064, 12.0756,
28.7818

■ 27.9860, 29.5958,
31.4320

■ 11.7721, 9.2249,
28.3546

■ 32.6865, 35.6419,
32.3512

■ 9.8493, 6.9240,
28.0118

■ 37.9137, 42.4036,
33.3809

■ 8.3135, 5.1369,
27.7478

■ 43.6833, 49.9033,
34.5244

■ 7.1371, 3.8231,
27.5562

■ 50.0104, 58.1625,
35.7851

■ 6.2891, 2.9358,
27.4296

■ 56.9095, 67.2018,
37.1662

■ 5.7140, 2.3818,
27.3530

■ 64.3946, 77.0411,
38.6709

■ 5.6411, 2.3088,
27.3427

■ 72.4791, 87.6993,
40.3020

Harmonies

Analogous

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



18.5232, 19.5541, 31.2870



20.0973, 19.5541, 29.9092



21.3229, 19.5541, 26.1467

Triad

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



20.0973, 19.5541, 29.9092



20.2116, 19.5541, 14.6504



15.6965, 19.5541, 21.1126

Complementary

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



20.0973, 19.5541, 29.9092



24.5939, 27.5529, 21.4758

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.



16.0932, 19.5541, 17.0773



20.0973, 19.5541, 29.9092



18.6482, 19.5541, 13.6893

Square

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



20.0973, 19.5541, 29.9092



21.3914, 19.5541, 17.3463



17.1516, 19.5541, 14.5113



16.0365, 19.5541, 25.7927

Rectangle

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



20.0973, 19.5541, 29.9092



21.7454, 19.5541, 23.0311



17.1516, 19.5541, 14.5113



15.7477, 19.5541, 19.6410

Sweetspot

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



20.0979, 19.5549, 29.9096



43.6498, 44.8952, 54.3386



22.3290, 25.0624, 30.8551



9.6218, 9.8745, 12.0710



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.



20.0979, 19.5549, 29.9096



33.1083, 31.5423, 52.3168



22.1763, 20.6263, 30.0069



5.5937, 5.6816, 7.2716



4.9789, 2.0393, 24.0622



0.0795, 0.0345, 0.2954

Inverse Universe

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



23.2593, 21.2286, 28.0720



39.7166, 35.0426, 48.3945



22.4439, 26.4445, 21.3751



5.9897, 5.8910, 7.0521



13.3679, 6.5522, 15.9501



0.1732, 0.0840, 0.2458

Previews

White Background



This preview shows how the XYZ color 20.0973, 19.5541, 29.9092 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 20.0973, 19.5541, 29.9092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

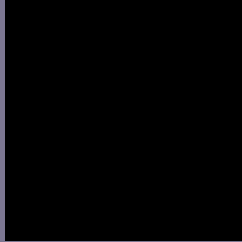
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.0973, 19.5541, 29.9092

Background



This preview shows how black text looks on a background with the XYZ color 20.0973, 19.5541, 29.9092.



This preview shows how white text looks on a background with the XYZ color 20.0973, 19.5541,

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

20.0973, 19.5541, 29.9092

Protanopia

19.4400, 19.5632, 30.3552

Deuteranopia

19.9535, 19.4799, 29.9025



Tritanopia

18.9414, 19.6227, 24.2620

Trichromacy



Original Color

20.0973, 19.5541, 29.9092

Protanomaly

19.7287, 19.5326, 30.3341

Deuteranomaly

19.9535, 19.4799, 29.9025

Tritanomaly

19.3073, 19.5899, 26.0562

Monochromacy



Original Color

20.0973, 19.5541, 29.9092

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.4366, 19.8701, 24.6407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0973, 19.5541, 29.9092 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(124, 119, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 119, 146) }
```

Border

The CSS property to change the border of an element to XYZ 20.0973, 19.5541, 29.9092 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, 146) }
```


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

```
.border{ border-color:rgb(124, 119, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 119, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 119, 146);  
box-shadow:4px 4px 4px 4px rgb(124, 119,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0973, 19.5541, 29.9092 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, 146) }
```

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

```
.background{ background-color: rgb(124,  
119, 146) }
```

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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