

Converting Colors

XYZ(19.6074, 14.1219, 51.5128)

Have a look what the booklet for
XYZ(19.6074, 14.1219, 51.5128)
contains.

XYZ(19.6047, 14.0669, 51.5511)	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(19.6047, 14.0669,
51.5511)**

Conversions

Conversions Part 1

Format	Color
Hex	7057C0
RGB	112, 87, 192
RGB Percent	44%, 34%, 75%
CMY	0.5608, 0.6588, 0.2471
CMYK	0.42, 0.55, 0.00, 0.25
HSL	254°, 45%, 55%
HSV	254°, 55%, 75%
XYZ	19.6047, 14.0669, 51.5511
YIQ	106.4450, -18.8050, 37.9550

Conversions

Conversions Part 2

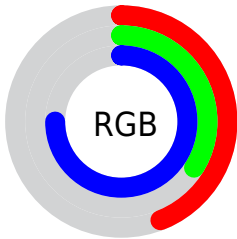
Format	Color
R_{YB}	112, 87, 192
Decimal	7362496
CIE _{Lab}	44.33, 35.39, -51.86
CIE _{LCh}	44, 62.786, 304.304
Yxy	14.0669, 0.2300, 0.1651
Android (android.graphics.Color)	4285552576 (0xFF7057C0)
YUV	106.4450, 42.1786, 4.8717
Hunter-Lab	37.5059, 27.6685, -55.2389

Details

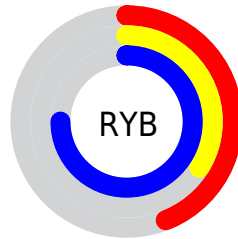
The XYZ color **19.6047, 14.0669, 51.5511** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **36.5062, 46.6030, 16.0883**, and the grayscale version is **13.7136, 14.4278, 15.7119**.

A 20% lighter version of the original color is **42.3358, 33.3413, 93.8267**, and **6.9771, 4.1933, 24.4864** is the 20% darker color. If you saturate the color by 10%, you get **16.5395, 10.4781, 51.0202**, and if you desaturate by 10%, it is **23.3869, 18.6392, 52.2346**.

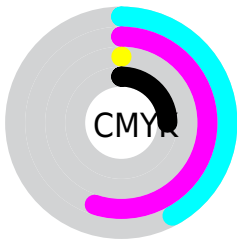
Distribution



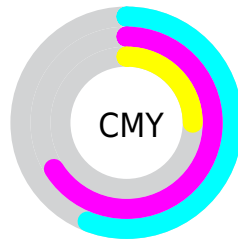
- Red (44%)
- Green (34%)
- Blue (75%)



- Red (44%)
- Yellow (34%)
- Blue (75%)



- Cyan (42%)
- Magenta (55%)
- Yellow (0%)
- Black (25%)



- Cyan (56%)
- Magenta (66%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6047, 14.0669, 51.5511 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 19.6047, 14.0669, 51.5511 by changing the saturation by 10% instead.

■ 19.6047, 14.0669,
51.5511

■ 19.6047, 14.0669,
51.5511

242.6416,
217.6466, 409.6087

■ 12.2146, 8.1672,
36.2676

■ 42.2625, 33.2077,
93.8887

■ 6.9633, 4.2021,
24.3496

■ 58.2608, 47.2176,
121.7799

■ 3.4853, 1.7873,
15.3786

■ 77.8594, 64.6996,
154.7107

■ 1.4153, 0.4792,
8.9359

■ 101.4234, 86.0383,
193.0998

■ 0.2671, 0.0000,
4.6032

■ 129.3183,
111.6179, 237.3656

■ 0.0000, 0.0000,
1.9617

161.9093,

■ 0.0000, 0.0000,

141.8229, 287.9266

0.5316

199.5620,
177.0377, 345.2015

■ 0.0000, 0.0000,
0.0000

■ 19.6047, 14.0669,
51.5511

■ 19.6047, 14.0669,
51.5511

■ 16.5395, 10.4781,
51.0202

■ 23.3869, 18.6392,
52.2346

■ 14.1412, 7.7967,
50.6291

■ 27.9278, 24.2604,
53.0803

■ 12.3559, 5.9375,
50.3643

■ 33.2678, 30.9918,
54.0981

■ 11.1193, 4.7975,
50.2094

■ 39.4439, 38.8895,
55.2970

■ 10.6286, 4.3801,
50.1547

■ 46.4908, 48.0057,
56.6852

■ 54.4411, 58.3897,
58.2705

■ 63.3259, 70.0877,
60.0601

■ 73.1744, 83.1437,
62.0611

■ 82.4639, 94.4976,
63.7630

Harmonies

Analogous

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



14.1103, 14.0669, 62.9622



19.6047, 14.0669, 51.5511



24.1335, 14.0669, 30.7648

Triad

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



19.6047, 14.0669, 51.5511



18.0243, 14.0669, 1.4530



5.8514, 14.0669, 17.4938

Complementary

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



19.6047, 14.0669, 51.5511



36.5062, 46.6030, 16.0883

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.



6.4043, 14.0669, 6.1633



19.6047, 14.0669, 51.5511



12.6564, 14.0669, 0.9662

Square

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



19.6047, 14.0669, 51.5511



23.0719, 14.0669, 4.3996



8.6211, 14.0669, 1.9304



6.8596, 14.0669, 36.8689

Rectangle

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



19.6047, 14.0669, 51.5511



25.5077, 14.0669, 18.2374



8.6211, 14.0669, 1.9304



5.8632, 14.0669, 12.7254

Sweetspot

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



19.6053, 14.0674, 51.5515



69.6105, 68.0755, 99.8313



27.3557, 33.6534, 54.9234



14.4194, 13.9448, 21.3169



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.



19.6053, 14.0674, 51.5515



28.8323, 17.6904, 92.2553



28.2328, 18.5150, 51.9552



9.7479, 9.8612, 12.6745



7.2109, 2.9778, 33.7513



0.3754, 0.1616, 1.4613

Inverse Universe

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



32.1216, 20.8131, 38.8829



54.3454, 31.4816, 64.5951



27.6405, 42.0326, 15.6734



10.3914, 10.2052, 12.1518



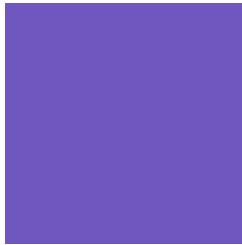
18.1650, 8.9557, 19.3127



0.8103, 0.3971, 0.9682

Previews

White Background



This preview shows how the XYZ color 19.6047, 14.0669, 51.5511 looks on a white 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

Black Background



This preview shows how the XYZ color 19.6047, 14.0669, 51.5511 looks on a black 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

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

XYZ 19.6047, 14.0669, 51.5511

Background



This preview shows how black text looks on a background with the XYZ color 19.6047, 14.0669, 51.5511.



This preview shows how white text looks on a background with the XYZ color 19.6047, 14.0669,

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

19.6047, 14.0669, 51.5511

Protanopia

16.6791, 14.2057, 60.8944

Deuteranopia

14.6657, 14.3168, 49.5674



Tritanopia

12.8664, 14.0804, 18.2593

Trichromacy



Original Color

19.6047, 14.0669, 51.5511

Protanomaly

16.9579, 13.7200, 57.6316

Deuteranomaly

15.3180, 13.6007, 49.9620

Tritanomaly

14.7706, 13.8068, 27.8731

Monochromacy



Original Color

19.6047, 14.0669, 51.5511

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

15.1615, 13.9180, 25.5542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6047, 14.0669, 51.5511 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(112, 87, 192)` looks like.

```
.text, #text, p{  
    color:rgb(112, 87, 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(112, 87, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 87, 192) }
```

Border

The CSS property to change the border of an element to XYZ 19.6047, 14.0669, 51.5511 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(112, 87, 192) }
```


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

```
.border{ border-color:rgb(112, 87, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 87, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 87, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 87, 192);  
box-shadow:4px 4px 4px 4px rgb(112, 87,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6047, 14.0669, 51.5511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 87, 192) }
```

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

```
.background{ background-color: rgb(112, 87,  
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](#).

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