

Converting Colors

XYZ(27.6027, 26.5459, 47.3851)

Have a look what the booklet for
XYZ(27.6027, 26.5459, 47.3851)
contains.

XYZ(27.6027, 26.5459, 47.3851)	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(27.6027, 26.5459,
47.3851)**

Conversions

Conversions Part 1

Format	Color
Hex	8989B5
RGB	137, 137, 181
RGB Percent	54%, 54%, 71%
CMY	0.4627, 0.4627, 0.2902
CMYK	0.24, 0.24, 0.00, 0.29
HSL	240°, 23%, 62%
HSV	240°, 24%, 71%
XYZ	27.6027, 26.5459, 47.3851
YIQ	142.0160, -14.1240, 13.6840

Conversions

Conversions Part 2

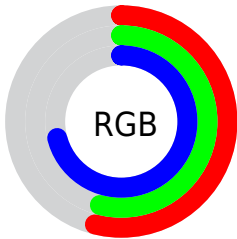
Format	Color
RYB	137, 137, 181
Decimal	9013685
CIELab	58.55, 9.77, -23.02
CIELCh	59, 25.011, 292.989
Yxy	26.5459, 0.2719, 0.2614
Android (android.graphics.Color)	4287203765 (0xFF8989B5)
YUV	142.0160, 19.2191, -4.3990
Hunter-Lab	51.5227, 5.4646, -18.4627

Details

The XYZ color **27.6027, 26.5459, 47.3851** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.0957, 44.6778, 30.1782**, and the grayscale version is **25.6486, 26.9843, 29.3859**.

A 20% lighter version of the original color is **55.1854, 54.0177, 87.6386**, and **11.1422, 10.3533, 21.8332** is the 20% darker color. If you saturate the color by 10%, you get **22.5202, 20.4219, 46.4714**, and if you desaturate by 10%, it is **33.6163, 33.7918, 48.4672**.

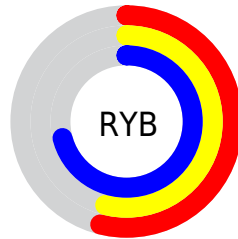
Distribution



Red (54%)

Green (54%)

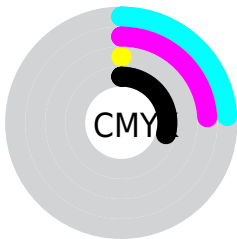
Blue (71%)



Red (54%)

Yellow (54%)

Blue (71%)

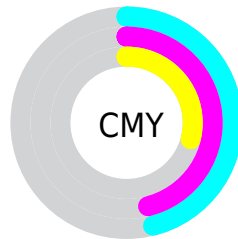


Cyan (24%)

Magenta (24%)

Yellow (0%)

Black (29%)



Cyan (46%)

Magenta (46%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6027, 26.5459, 47.3851 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 27.6027, 26.5459, 47.3851 by changing the saturation by 10% instead.

■ 27.6027, 26.5459,
47.3851

■ 27.6027, 26.5459,
47.3851

282.6782,
285.4517, 392.7878

■ 18.1653, 17.2325,
32.9837

■ 55.2626, 54.1543,
87.6442

■ 11.1691, 10.4004,
21.8429

■ 74.2158, 73.2181,
114.3389

■ 6.2488, 5.6652,
13.5443

■ 97.0717, 96.3008,
145.9684

■ 3.0391, 2.6426,
7.6693

124.1955,
123.7868, 182.9514

■ 1.1745, 0.9481,
3.7994

155.9528,
156.0605, 225.7062

■ 0.0861, 0.0000,
1.5159

192.7087,

■ 0.0000, 0.0000,

193.5063, 274.6516

0.2298

234.8287,
236.5085, 330.2059

■ 0.0000, 0.0000,
0.0000

■ 27.6027, 26.5459,
47.3851

■ 27.6027, 26.5459,
47.3851

■ 22.5202, 20.4219,
46.4714

■ 33.6163, 33.7918,
48.4672

■ 18.3199, 15.3608,
45.7159

■ 40.6014, 42.2085,
49.7236

■ 14.9522, 11.3030,
45.1101

■ 48.5994, 51.8455,
51.1622

■ 12.3619, 8.1818,
44.6442

■ 57.6484, 62.7489,
52.7898

■ 10.4868, 5.9224,
44.3069

■ 67.7845, 74.9621,
54.6130

■ 9.2554, 4.4386,
44.0854

■ 79.0422, 88.5268,
56.6379

■ 8.5814, 3.6264,
43.9642

■ 85.3406, 96.1162,
57.7709

■ 8.3406, 3.3363,
43.9209

Harmonies

Analogous

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



24.5188, 26.5459, 49.0930



27.6027, 26.5459, 47.3851



30.2340, 26.5459, 40.2969

Triad

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



27.6027, 26.5459, 47.3851



28.9463, 26.5459, 17.4158



19.8238, 26.5459, 26.8931

Complementary

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



27.6027, 26.5459, 47.3851



40.0957, 44.6778, 30.1782

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.



20.8129, 26.5459, 19.8904



27.6027, 26.5459, 47.3851



25.9570, 26.5459, 15.1834

Square

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



27.6027, 26.5459, 47.3851



31.0525, 26.5459, 22.8023



22.9994, 26.5459, 15.9875



20.1869, 26.5459, 36.0072

Rectangle

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



27.6027, 26.5459, 47.3851



31.2945, 26.5459, 34.1264



22.9994, 26.5459, 15.9875



20.0063, 26.5459, 24.2435

Sweetspot

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



27.6036, 26.5470, 47.3857



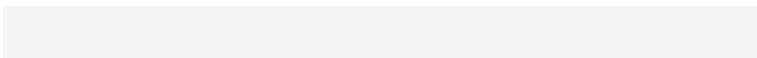
69.0220, 71.1433, 88.3888



35.1064, 41.6728, 49.5164



14.7564, 15.1817, 19.0749



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.6036, 26.5470, 47.3857



44.5220, 41.6224, 83.9820



31.4399, 28.5245, 47.5652



8.0420, 8.2302, 10.6711



5.7498, 2.3000, 30.2779



0.1809, 0.0724, 0.9527

Inverse Universe

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



32.5178, 29.5221, 27.6525



54.8034, 47.8469, 42.6967



35.4838, 42.3006, 29.9624



8.4964, 8.5053, 8.8464



13.1369, 6.7723, 0.6149



0.4133, 0.2131, 0.0194

Previews

White Background



This preview shows how the XYZ color 27.6027, 26.5459, 47.3851 looks on a white background.

Color Contrast Check

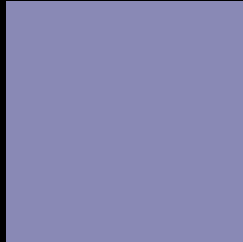
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6027, 26.5459, 47.3851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

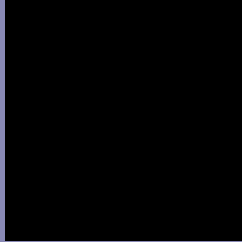
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6027, 26.5459, 47.3851

Background



This preview shows how black text looks on a background with the XYZ color 27.6027, 26.5459, 47.3851.



This preview shows how white text looks on a background with the XYZ color 27.6027, 26.5459,

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

27.6027, 26.5459, 47.3851

Protanopia

26.8331, 26.5513, 48.5104

Deuteranopia

27.1018, 26.4997, 47.4026



Tritanopia

24.9385, 26.5514, 33.9475

Trichromacy



Original Color

27.6027, 26.5459, 47.3851

Protanomaly

27.0477, 26.4599, 47.9377

Deuteranomaly

27.2605, 26.5815, 47.4100

Tritanomaly

25.8205, 26.4688, 38.3984

Monochromacy



Original Color

27.6027, 26.5459, 47.3851

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.1941, 26.7319, 35.2317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6027, 26.5459, 47.3851 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(137, 137, 181)` looks like.

```
.text, #text, p{  
    color:rgb(137, 137, 181)  
}
```

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(137, 137, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 137, 181) }
```

Border

The CSS property to change the border of an element to XYZ 27.6027, 26.5459, 47.3851 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(137, 137, 181) }
```


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

```
.border{ border-color:rgb(137, 137, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 137, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 137, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 137, 181);  
box-shadow:4px 4px 4px 4px rgb(137, 137,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6027, 26.5459, 47.3851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 137, 181) }
```

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

```
.background{ background-color: rgb(137,  
137, 181) }
```

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