

Converting Colors

XYZ(30.3177, 30.4727, 33.5621)

Have a look what the booklet for
XYZ(30.3177, 30.4727, 33.5621)
contains.

XYZ(30.3177, 30.4727, 33.5621)	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(30.3177, 30.4727,
33.5621)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9397
RGB	159, 147, 151
RGB Percent	62%, 58%, 59%
CMY	0.3765, 0.4235, 0.4078
CMYK	0.00, 0.08, 0.05, 0.38
HSL	340°, 6%, 60%
HSV	340°, 8%, 62%
XYZ	30.3177, 30.4727, 33.5621
YIQ	151.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

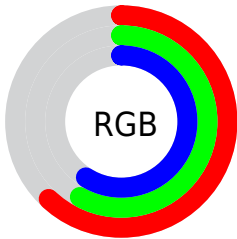
Format	Color
R_{YB}	159, 147, 151
Decimal	10458007
CIE Lab	62.06, 5.16, -0.52
CIE LCh	62, 5.190, 354.303
Yxy	30.4727, 0.3213, 0.3230
Android (android.graphics.Color)	4288648087 (0xFF9F9397)
YUV	151.0440, -0.0217, 6.9774
Hunter-Lab	55.2021, 1.4309, 2.5940

Details

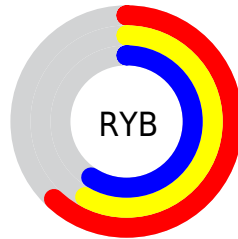
The XYZ color **30.3177, 30.4727, 33.5621** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.3483, 33.3667, 35.8528**, and the grayscale version is **29.4333, 30.9661, 33.7221**.

A 20% lighter version of the original color is **59.6376, 60.4772, 66.2876**, and **12.6675, 12.4740, 13.7967** is the 20% darker color. If you saturate the color by 10%, you get **27.1916, 25.5367, 28.4614**, and if you desaturate by 10%, it is **33.8648, 36.1258, 39.1860**.

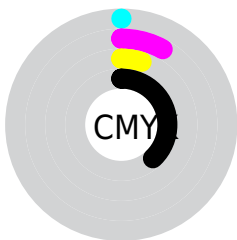
Distribution



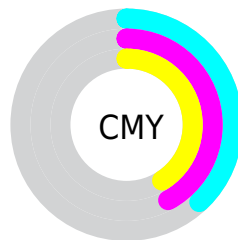
- Red (62%)
- Green (58%)
- Blue (59%)



- Red (62%)
- Yellow (58%)
- Blue (59%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (38%)



- Cyan (38%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3177, 30.4727, 33.5621 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 30.3177, 30.4727, 33.5621 by changing the saturation by 10% instead.

■ 30.3177, 30.4727,
33.5621

■ 30.3177, 30.4727,
33.5621

295.2659,
304.1016, 332.8844

■ 20.2291, 20.1977,
22.2828

■ 59.5474, 60.4089,
66.3782

■ 12.6709, 12.5388,
13.8645

■ 79.4193, 80.8389,
88.7521

■ 7.2778, 7.1117,
7.8888

103.2830,
105.4226, 115.6612

■ 3.6843, 3.5321,
3.9371

131.5038,
134.5445, 147.5241

■ 1.5251, 1.4154,
1.5909

164.4471,
168.5890, 184.7593

■ 0.3428, 0.2280,
0.2843

202.4784,

■ 0.0000, 0.0000,

207.9404, 227.7854

0.0000

245.9628,
252.9832, 277.0209

■ 30.3177, 30.4727,
33.5621

■ 30.3177, 30.4727,
33.5621

■ 27.1916, 25.5367,
28.4614

■ 33.8648, 36.1258,
39.1860

■ 24.4679, 21.2852,
23.8664

■ 37.8453, 42.5191,
45.3457

■ 22.1304, 17.6889,
19.7619

■ 42.2744, 49.6796,
52.0560

■ 20.1609, 14.7148,
16.1308

■ 47.1658, 57.6317,
59.3305

■ 18.5396, 12.3271,
12.9550

■ 52.5325, 66.3986,
67.1820

■ 17.2448, 10.4862,
10.2152

■ 58.3871, 76.0027,
75.6234

■ 16.2522, 9.1477,
7.8906

■ 63.6785, 84.3391,
84.3124

■ 15.5337, 8.2599,
5.9582

■ 65.1723, 84.9367,
92.1788

■ 15.0442, 7.7372,
4.3883

■ 66.7576, 85.5708,
100.5267

Harmonies

Analogous

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



30.0656, 30.4727, 35.4702



30.3177, 30.4727, 33.5621



30.2022, 30.4727, 31.6247

Triad

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



30.3177, 30.4727, 33.5621



28.4152, 30.4727, 29.8026



28.1883, 30.4727, 36.3957

Complementary

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



30.3177, 30.4727, 33.5621



30.3483, 33.3667, 35.8528

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.



27.7589, 30.4727, 34.7847



30.3177, 30.4727, 33.5621



27.8884, 30.4727, 30.9898

Square

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



30.3177, 30.4727, 33.5621



29.0966, 30.4727, 29.5046



27.6500, 30.4727, 32.8000



28.8305, 30.4727, 37.1478

Rectangle

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



30.3177, 30.4727, 33.5621



29.9332, 30.4727, 30.5700



27.6500, 30.4727, 32.8000



28.0147, 30.4727, 35.9336

Sweetspot

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



30.3186, 30.4740, 33.5628



57.7001, 59.9885, 65.5360



30.2103, 30.3406, 37.0654



13.0256, 13.5517, 14.8022



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.3186, 30.4740, 33.5628



53.3363, 53.0522, 58.5589



30.3130, 30.9737, 31.9862



6.7197, 6.6808, 7.3749



11.8180, 6.0318, 3.2925



0.2299, 0.1153, 0.1565

Inverse Universe

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



30.3186, 30.4740, 33.5628



53.3363, 53.0522, 58.5589



30.3486, 32.8210, 37.5369



6.7197, 6.6808, 7.3749



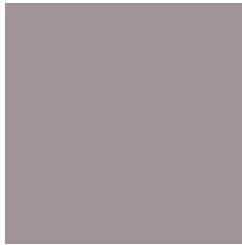
11.8180, 6.0318, 3.2925



0.2299, 0.1153, 0.1565

Previews

White Background



This preview shows how the XYZ color 30.3177, 30.4727, 33.5621 looks on a white background.

Color Contrast Check

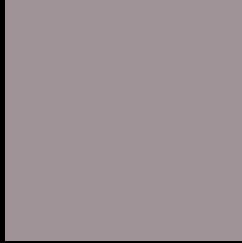
Large Text (above 18pt) WCAG AA × Fail

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 30.3177, 30.4727, 33.5621 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 ✓ Pass

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

XYZ 30.3177, 30.4727, 33.5621

Background



This preview shows how black text looks on a background with the XYZ color 30.3177, 30.4727, 33.5621.



This preview shows how white text looks on a background with the XYZ color 30.3177, 30.4727,

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

30.3177, 30.4727, 33.5621

Protanopia

29.3638, 30.4373, 34.0331

Deuteranopia

31.0212, 30.3777, 33.5066



Tritanopia

30.8619, 30.4657, 36.1522

Trichromacy



Original Color

30.3177, 30.4727, 33.5621

Protanomaly

29.7750, 30.4154, 34.0072

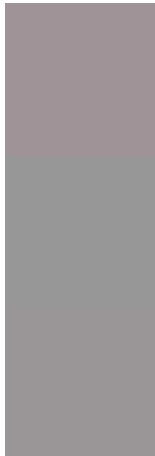
Deuteranomaly

30.7651, 30.4735, 33.5386

Tritanomaly

30.6925, 30.3979, 35.2601

Monochromacy



Original Color

30.3177, 30.4727, 33.5621

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8187, 30.9171, 33.6741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3177, 30.4727, 33.5621 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(159, 147, 151)` looks like.

```
.text, #text, p{  
    color:rgb(159, 147, 151)  
}
```

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(159, 147, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 147, 151) }
```

Border

The CSS property to change the border of an element to XYZ 30.3177, 30.4727, 33.5621 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(159, 147, 151) }
```


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

```
.border{ border-color:rgb(159, 147, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 147, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 147, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 147, 151);  
box-shadow:4px 4px 4px 4px rgb(159, 147,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3177, 30.4727, 33.5621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 147, 151) }
```

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

```
.background{ background-color: rgb(159,  
147, 151) }
```

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