

Converting Colors

XYZ(32.7640, 30.9579, 47.9647)

Have a look what the booklet for
XYZ(32.7640, 30.9579, 47.9647)
contains.

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Color

**XYZ(32.7640, 30.9579,
47.9647)**

Conversions

Conversions Part 1

Format	Color
Hex	9F91B5
RGB	159, 145, 181
RGB Percent	62%, 57%, 71%
CMY	0.3765, 0.4314, 0.2902
CMYK	0.12, 0.20, 0.00, 0.29
HSL	263°, 20%, 64%
HSV	263°, 20%, 71%
XYZ	32.7640, 30.9579, 47.9647
YIQ	153.2900, -3.2120, 14.1640

Conversions

Conversions Part 2

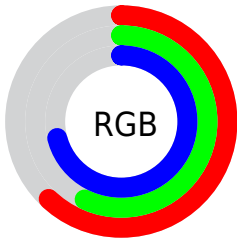
Format	Color
R_{YB}	159, 145, 181
Decimal	10457525
CIE _{Lab}	62.47, 12.34, -16.88
CIE _{LCh}	62, 20.910, 306.167
Yxy	30.9579, 0.2934, 0.2772
Android (android.graphics.Color)	4288647605 (0xFF9F91B5)
YUV	153.2900, 13.6610, 5.0077
Hunter-Lab	55.6398, 7.7416, -12.1635

Details

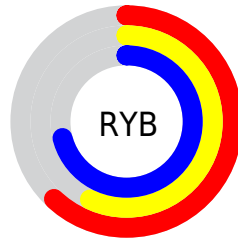
The XYZ color **32.7640, 30.9579, 47.9647** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.5720, 43.3083, 33.1685**, and the grayscale version is **30.3487, 31.9292, 34.7709**.

A 20% lighter version of the original color is **63.4410, 61.2574, 88.6009**, and **14.0519, 12.8687, 22.1654** is the 20% darker color. If you saturate the color by 10%, you get **28.1195, 24.7804, 47.0176**, and if you desaturate by 10%, it is **38.0474, 38.1205, 49.0692**.

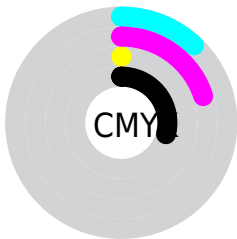
Distribution



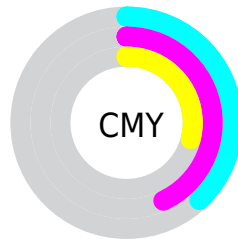
- Red (62%)
- Green (57%)
- Blue (71%)



- Red (62%)
- Yellow (57%)
- Blue (71%)



- Cyan (12%)
- Magenta (20%)
- Yellow (0%)
- Black (29%)



- Cyan (38%)
- Magenta (43%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7640, 30.9579, 47.9647 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 32.7640, 30.9579, 47.9647 by changing the saturation by 10% instead.

■ 32.7640, 30.9579,
47.9647

■ 32.7640, 30.9579,
47.9647

306.2688,
306.3443, 395.1569

■ 22.1041, 20.5668,
33.4391

■ 63.3640, 61.1738,
88.5168

■ 14.0504, 12.8077,
22.1892

■ 84.0349, 81.7673,
115.3805

■ 8.2377, 7.2963,
13.7963

108.7734,
106.5305, 147.1940

■ 4.3005, 3.6481,
7.8420

137.9450,
135.8477, 184.3757

■ 1.8735, 1.4787,
3.9077

171.9150,
170.1033, 227.3444

■ 0.5614, 0.2737,
1.5749

211.0487,

■ 0.0000, 0.0000,

209.6816, 276.5184

0.2728

255.7115,
254.9672, 332.3164

■ 0.0000, 0.0000,
0.0000

■ 32.7640, 30.9579,
47.9647

■ 32.7640, 30.9579,
47.9647

■ 28.1195, 24.7804,
47.0176

■ 38.0474, 38.1205,
49.0692

■ 24.0850, 19.5397,
46.2187

■ 43.9912, 46.3057,
50.3359

■ 20.6337, 15.1895,
45.5609

■ 50.6194, 55.5538,
51.7716

■ 17.7353, 11.6777,
45.0358

■ 57.9537, 65.9017,
53.3824

■ 15.3568, 8.9464,
44.6340

■ 66.0152, 77.3845,
55.1739

■ 13.4609, 6.9306,
44.3448

■ 74.8238, 90.0359,
57.1516

■ 12.0044, 5.5534,
44.1558

■ 78.8362, 92.7631,
57.4665

■ 10.9056, 4.6618,
44.0416

■ 82.6326, 94.7202,
57.6442

■ 10.8944, 4.6528,
44.0404

■ 85.3406, 96.1162,
57.7709

Harmonies

Analogous

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



30.0147, 30.9579, 51.7562



32.7640, 30.9579, 47.9647



34.7040, 30.9579, 40.4255

Triad

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



32.7640, 30.9579, 47.9647



31.6851, 30.9579, 21.3376



24.3256, 30.9579, 35.4150

Complementary

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



32.7640, 30.9579, 47.9647



37.5720, 43.3083, 33.1685

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.



24.7097, 30.9579, 27.7790



32.7640, 30.9579, 47.9647



28.8422, 30.9579, 20.4348

Square

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



32.7640, 30.9579, 47.9647



34.0536, 30.9579, 25.3002



26.3201, 30.9579, 22.5995



25.2352, 30.9579, 43.7980

Rectangle

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



32.7640, 30.9579, 47.9647



35.2123, 30.9579, 34.7634



26.3201, 30.9579, 22.5995



24.3086, 30.9579, 32.6740

Sweetspot

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



32.7650, 30.9592, 47.9654



72.0319, 73.6054, 88.7054



33.8740, 37.0677, 49.0860



15.4247, 15.7110, 19.1418



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.



32.7650, 30.9592, 47.9654



54.7875, 50.2395, 85.1042



36.5527, 32.9119, 48.1427



8.3441, 8.3859, 10.6852



7.5831, 3.2450, 30.3637



0.3050, 0.1364, 0.9585

Inverse Universe

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



36.1575, 32.8658, 40.9984



62.0812, 54.3420, 69.9715



34.0667, 41.5012, 33.0045



8.7072, 8.5896, 9.9566



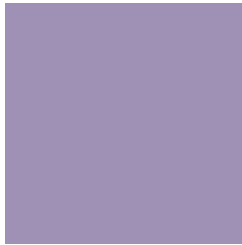
15.1350, 7.5715, 11.1367



0.5038, 0.2493, 0.4956

Previews

White Background



This preview shows how the XYZ color 32.7640, 30.9579, 47.9647 looks on a white background.

Color Contrast Check

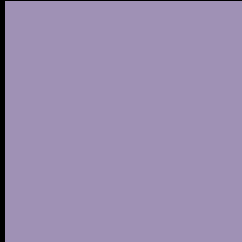
Large Text (above 18pt) WCAG AA × Fail

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 32.7640, 30.9579, 47.9647 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 32.7640, 30.9579, 47.9647

Background



This preview shows how black text looks on a background with the XYZ color 32.7640, 30.9579, 47.9647.



This preview shows how white text looks on a background with the XYZ color 32.7640, 30.9579,

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

32.7640, 30.9579, 47.9647

Protanopia

30.8858, 31.1130, 49.7250

Deuteranopia

31.5906, 31.0544, 47.5091



Tritanopia

30.8029, 31.1009, 37.6373

Trichromacy



Original Color

32.7640, 30.9579, 47.9647

Protanomaly

31.5316, 30.9883, 49.1192

Deuteranomaly

31.9984, 31.0327, 47.4834

Tritanomaly

31.5624, 31.1751, 41.3997

Monochromacy



Original Color

32.7640, 30.9579, 47.9647

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.0348, 31.4256, 39.0804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7640, 30.9579, 47.9647 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, 145, 181)` looks like.

```
.text, #text, p{  
    color:rgb(159, 145, 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(159, 145, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 145, 181) }
```

Border

The CSS property to change the border of an element to XYZ 32.7640, 30.9579, 47.9647 is called "border". The border property can be set on classes, ids or directly on the HTML element.

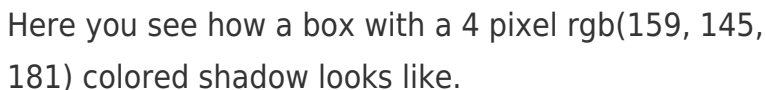
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 145, 181) }
```


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

```
.border{ border-color:rgb(159, 145, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 145, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 145, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 145, 181);  
box-shadow:4px 4px 4px 4px rgb(159, 145,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7640, 30.9579, 47.9647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 145, 181) }
```

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

```
.background{ background-color: rgb(159,  
145, 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](#).

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