

Converting Colors

XYZ(32.0867, 32.7554, 47.2791)

Have a look what the booklet for
XYZ(32.0867, 32.7554, 47.2791)
contains.

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Color

**XYZ(32.0867, 32.7554,
47.2791)**

Conversions

Conversions Part 1

Format	Color
Hex	959AB3
RGB	149, 154, 179
RGB Percent	58%, 60%, 70%
CMY	0.4157, 0.3961, 0.2980
CMYK	0.17, 0.14, 0.00, 0.30
HSL	230°, 16%, 64%
HSV	230°, 17%, 70%
XYZ	32.0867, 32.7554, 47.2791
YIQ	155.3550, -11.0050, 6.7150

Conversions

Conversions Part 2

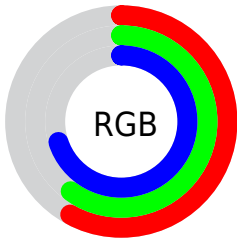
Format	Color
R_{YB}	149, 153, 179
Decimal	9804467
CIE _{Lab}	63.96, 3.48, -13.58
CIE _{LCh}	64, 14.023, 284.386
Yxy	32.7554, 0.2862, 0.2921
Android (android.graphics.Color)	4287994547 (0xFF959AB3)
YUV	155.3550, 11.6570, -5.5733
Hunter-Lab	57.2323, -0.0825, -8.9163

Details

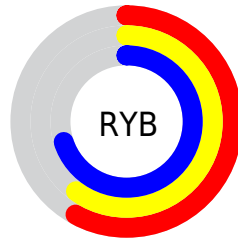
The XYZ color **32.0867, 32.7554, 47.2791** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.1516, 42.0257, 34.4828**, and the grayscale version is **31.2672, 32.8955, 35.8232**.

A 20% lighter version of the original color is **62.1799, 63.8064, 87.6359**, and **13.6531, 13.8035, 21.6834** is the 20% darker color. If you saturate the color by 10%, you get **26.7579, 26.5787, 46.3683**, and if you desaturate by 10%, it is **38.2253, 39.8054, 48.3169**.

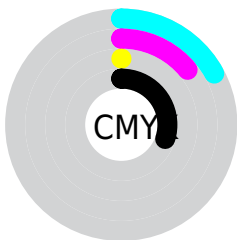
Distribution



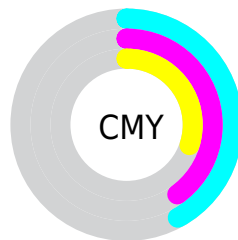
- Red (58%)
- Green (60%)
- Blue (70%)



- Red (58%)
- Yellow (60%)
- Blue (70%)



- Cyan (17%)
- Magenta (14%)
- Yellow (0%)
- Black (30%)



- Cyan (42%)
- Magenta (40%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0867, 32.7554, 47.2791 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 32.0867, 32.7554, 47.2791 by changing the saturation by 10% instead.

■ 32.0867, 32.7554,
47.2791

■ 32.0867, 32.7554,
47.2791

303.2523,
314.5461, 392.3535

■ 21.5836, 21.9391,
32.9004

■ 62.3113, 63.9935,
87.4844

■ 13.6661, 13.8122,
21.7797

■ 82.7634, 85.1840,
114.1481

■ 7.9690, 7.9902,
13.4983

107.2627,
110.6015, 145.7440

■ 4.1267, 4.0886,
7.6378

136.1743,
140.6303, 182.6904

■ 1.7741, 1.7233,
3.7797

169.8638,
175.6547, 225.4061

■ 0.5020, 0.4387,
1.5053

208.6963,

■ 0.0000, 0.0000,

216.0593, 274.3094

0.2218

253.0374,
262.2282, 329.8190

■ 0.0000, 0.0000,
0.0000

■ 32.0867, 32.7554,
47.2791

■ 32.0867, 32.7554,
47.2791

■ 26.7579, 26.5787,
46.3683

■ 38.2253, 39.8054,
48.3169

■ 22.2020, 21.2372,
45.5774

■ 45.2029, 47.7568,
49.4839

■ 18.3835, 16.6958,
44.9020

■ 53.0504, 56.6417,
50.7852

■ 15.2629, 12.9153,
44.3368

■ 61.7968, 66.4890,
52.2250

■ 12.7970, 9.8533,
43.8758

■ 71.4694, 77.3266,
53.8070

■ 10.9376, 7.4630,
43.5124

■ 81.5766, 88.9144,
55.5110

■ 9.6297, 5.6918,
43.2394

■ 85.1368, 96.0347,
56.6977

■ 8.8010, 4.4753,
43.0483

■ 8.5971, 4.1753,
43.0012

Harmonies

Analogous

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



30.1214, 32.7554, 47.2063



32.0867, 32.7554, 47.2791



33.8674, 32.7554, 44.0212

Triad

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



32.0867, 32.7554, 47.2791



33.9283, 32.7554, 28.5815



27.6149, 32.7554, 32.8154

Complementary

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



32.0867, 32.7554, 47.2791



39.1516, 42.0257, 34.4828

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.



28.5500, 32.7554, 28.4395



32.0867, 32.7554, 47.2791



32.1670, 32.7554, 26.1772

Square

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



32.0867, 32.7554, 47.2791



34.9607, 32.7554, 33.0290



30.1984, 32.7554, 26.1281



27.5954, 32.7554, 38.4378

Rectangle

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



32.0867, 32.7554, 47.2791



34.6867, 32.7554, 40.5796



30.1984, 32.7554, 26.1281



27.8307, 32.7554, 31.1643

Sweetspot

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



32.0877, 32.7568, 47.2798



70.4462, 73.5602, 86.8668



36.1065, 41.6669, 45.9294



15.4237, 16.0874, 19.2145



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.



32.0877, 32.7568, 47.2798



53.8885, 54.5302, 84.0663



33.0839, 32.0703, 47.0948



8.1527, 8.4516, 10.7079



6.1084, 3.0171, 30.3974



0.2271, 0.1647, 0.9681

Inverse Universe

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



35.1714, 33.4125, 35.1688



60.4459, 55.9976, 58.2959



38.0152, 42.9012, 34.7117



8.5523, 8.5276, 9.1406



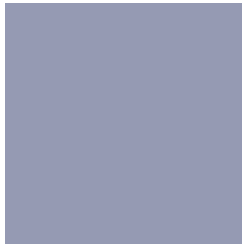
13.3179, 6.8447, 1.5679



0.4366, 0.2224, 0.1420

Previews

White Background



This preview shows how the XYZ color 32.0867, 32.7554, 47.2791 looks on a white background.

Color Contrast Check

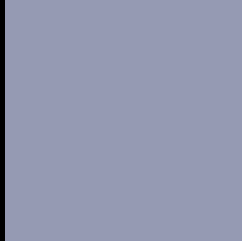
Large Text (above 18pt) WCAG AA × Fail

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 32.0867, 32.7554, 47.2791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

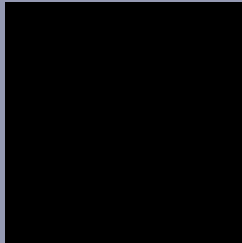
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.0867, 32.7554, 47.2791

Background



This preview shows how black text looks on a background with the XYZ color 32.0867, 32.7554, 47.2791.



This preview shows how white text looks on a background with the XYZ color 32.0867, 32.7554,

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

32.0867, 32.7554, 47.2791

Protanopia

32.2700, 32.8499, 47.2877

Deuteranopia

33.4054, 32.6976, 47.7306



Tritanopia

30.9890, 32.8071, 41.7449

Trichromacy



Original Color

32.0867, 32.7554, 47.2791

Protanomaly

32.2700, 32.8499, 47.2877

Deuteranomaly

32.9840, 32.7203, 47.7572

Tritanomaly

31.3805, 32.7171, 43.6908

Monochromacy



Original Color

32.0867, 32.7554, 47.2791

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.5591, 32.8953, 39.8081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0867, 32.7554, 47.2791 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(149, 154, 179)` looks like.

```
.text, #text, p{  
    color:rgb(149, 154, 179)  
}
```

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(149, 154, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 154, 179) }
```

Border

The CSS property to change the border of an element to XYZ 32.0867, 32.7554, 47.2791 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(149, 154, 179) }
```


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

```
.border{ border-color:rgb(149, 154, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 154, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 154, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 154, 179);  
box-shadow:4px 4px 4px 4px rgb(149, 154,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0867, 32.7554, 47.2791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 154, 179) }
```

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

```
.background{ background-color: rgb(149,  
154, 179) }
```

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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