

Converting Colors

XYZ(32.9009, 33.0473, 47.1365)

Have a look what the booklet for
XYZ(32.9009, 33.0473, 47.1365)
contains.

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Color

**XYZ(32.8543, 32.9072,
47.2679)**

Conversions

Conversions Part 1

Format	Color
Hex	9A99B3
RGB	154, 153, 179
RGB Percent	60%, 60%, 70%
CMY	0.3961, 0.4000, 0.2980
CMYK	0.14, 0.15, 0.00, 0.30
HSL	242°, 15%, 65%
HSV	242°, 15%, 70%
XYZ	32.8543, 32.9072, 47.2679
YIQ	156.2630, -7.7500, 8.2980

Conversions

Conversions Part 2

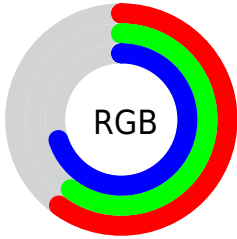
Format	Color
RYB	154, 153, 179
Decimal	10131891
CIELab	64.09, 5.71, -13.36
CIELCh	64, 14.526, 293.132
Yxy	32.9072, 0.2907, 0.2911
Android (android.graphics.Color)	4288321971 (0xFF9A99B3)
YUV	156.2630, 11.2093, -1.9847
Hunter-Lab	57.3648, 1.8432, -8.6989

Details

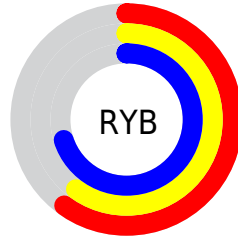
The XYZ color **32.8543, 32.9072, 47.2679** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.2312, 44.0060, 36.5122**, and the grayscale version is **31.6722, 33.3216, 36.2872**.

A 20% lighter version of the original color is **63.6027, 64.1791, 87.6328**, and **14.1108, 13.8927, 21.6765** is the 20% darker color. If you saturate the color by 10%, you get **27.0970, 25.9121, 46.2217**, and if you desaturate by 10%, it is **39.5229, 41.0263, 48.4841**.

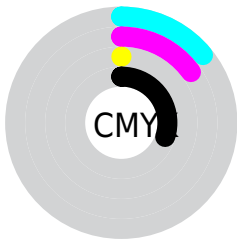
Distribution



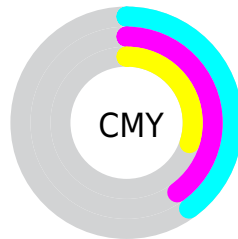
- Red (60%)
- Green (60%)
- Blue (70%)



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



- Cyan (14%)
- Magenta (15%)
- Yellow (0%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8543, 32.9072, 47.2679 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 32.8543, 32.9072, 47.2679 by changing the saturation by 10% instead.

■ 32.8543, 32.9072,
47.2679

■ 32.8543, 32.9072,
47.2679

306.6693,
315.2314, 392.3075

■ 22.1736, 22.0554,
32.8916

■ 63.5042, 64.2306,
87.4675

■ 14.1018, 13.8976,
21.7730

■ 84.2040, 85.4710,
114.1280

■ 8.2737, 8.0495,
13.4935

108.9743,
110.9430, 145.7202

■ 4.3238, 4.1266,
7.6345

138.1804,
141.0310, 182.6628

■ 1.8869, 1.7446,
3.7776

172.1875,
176.1195, 225.3743

■ 0.5692, 0.4523,
1.5041

211.3612,

■ 0.0000, 0.0000,

216.5928, 274.2733

0.2210

256.0666,
262.8353, 329.7781

■ 0.0000, 0.0000,
0.0000

■ 32.8543, 32.9072,
47.2679

■ 32.8543, 32.9072,
47.2679

■ 27.0970, 25.9121,
46.2217

■ 39.5229, 41.0263,
48.4841

■ 22.2087, 19.9875,
45.3358

■ 47.1368, 50.3114,
49.8750

■ 18.1480, 15.0820,
44.6029

■ 55.7320, 60.8076,
51.4480

■ 14.8691, 11.1380,
44.0145

■ 65.3417, 72.5562,
53.2092

■ 12.3217, 8.0923,
43.5609

■ 75.9973, 85.5967,
55.1646

■ 10.4496, 5.8744,
43.2314

■ 85.1368, 96.0347,
56.6977

■ 9.1886, 4.4030,
43.0139

■ 8.4619, 3.5803,
42.8934

■ 8.2227, 3.2990,
42.8517

Harmonies

Analogous

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



30.8075, 32.9072, 48.2709



32.8543, 32.9072, 47.2679



34.5438, 32.9072, 43.0522

Triad

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



32.8543, 32.9072, 47.2679



33.7066, 32.9072, 27.5235



27.5186, 32.9072, 34.4951

Complementary

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



32.8543, 32.9072, 47.2679



40.2312, 44.0060, 36.5122

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.



28.2235, 32.9072, 29.4650



32.8543, 32.9072, 47.2679



31.7518, 32.9072, 25.7350

Square

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



32.8543, 32.9072, 47.2679



35.0507, 32.9072, 31.5689



29.7516, 32.9072, 26.4049



27.7850, 32.9072, 40.4590

Rectangle

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



32.8543, 32.9072, 47.2679



35.2102, 32.9072, 39.2127



29.7516, 32.9072, 26.4049



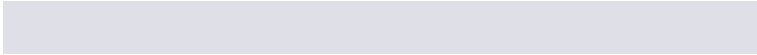
27.6488, 32.9072, 32.6483

Sweetspot

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



32.8553, 32.9086, 47.2686



71.3680, 74.1882, 86.9394



37.2215, 41.9217, 48.7782



15.5995, 16.1780, 19.2227



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.



32.8553, 32.9086, 47.2686



55.8323, 55.2776, 84.1081



35.4373, 34.2396, 47.3895



8.0711, 8.2452, 10.6724



5.8233, 2.3378, 30.2813



0.1932, 0.0787, 0.9532

Inverse Universe

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



38.0187, 35.5820, 46.9855



66.6353, 60.8715, 83.4957



37.4157, 42.5545, 36.3805



8.8357, 8.6410, 10.6330



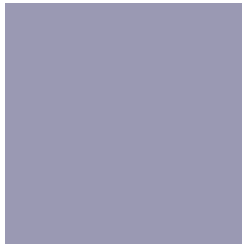
18.4135, 8.8830, 28.4011



0.5837, 0.2812, 0.9164

Previews

White Background



This preview shows how the XYZ color 32.8543, 32.9072, 47.2679 looks on a white background.

Color Contrast Check

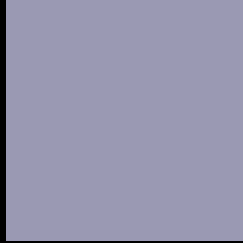
Large Text (above 18pt) WCAG AA × Fail

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 32.8543, 32.9072, 47.2679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

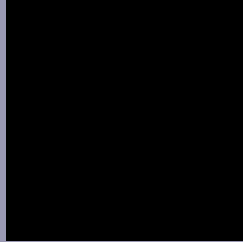
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.8543, 32.9072, 47.2679

Background



This preview shows how black text looks on a background with the XYZ color 32.8543, 32.9072, 47.2679.



This preview shows how white text looks on a background with the XYZ color 32.8543, 32.9072,

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

32.8543, 32.9072, 47.2679

Protanopia

32.5563, 32.9858, 47.8310

Deuteranopia

33.5014, 32.7588, 47.2052



Tritanopia

31.6453, 32.9081, 41.2432

Trichromacy



Original Color

32.8543, 32.9072, 47.2679

Protanomaly

32.7427, 33.0819, 47.8397

Deuteranomaly

33.2695, 32.8792, 47.2407

Tritanomaly

32.0432, 32.8238, 43.1748

Monochromacy



Original Color

32.8543, 32.9072, 47.2679

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.9398, 33.0916, 39.8259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8543, 32.9072, 47.2679 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(154, 153, 179)` looks like.

```
.text, #text, p{  
    color:rgb(154, 153, 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(154, 153, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 153, 179) }
```

Border

The CSS property to change the border of an element to XYZ 32.8543, 32.9072, 47.2679 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(154, 153, 179) }
```


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

```
.border{ border-color:rgb(154, 153, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 153, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 153, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 153, 179);  
box-shadow:4px 4px 4px 4px rgb(154, 153,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8543, 32.9072, 47.2679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 153, 179) }
```

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

```
.background{ background-color: rgb(154,  
153, 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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