

Converting Colors

XYZ(32.3903, 30.7023, 42.4581)

Have a look what the booklet for
XYZ(32.3903, 30.7023, 42.4581)
contains.

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Color

**XYZ(32.3332, 30.6353,
42.2393)**

Conversions

Conversions Part 1

Format	Color
Hex	A390AA
RGB	163, 144, 170
RGB Percent	64%, 56%, 67%
CMY	0.3608, 0.4353, 0.3333
CMYK	0.04, 0.15, 0.00, 0.33
HSL	284°, 13%, 62%
HSV	284°, 15%, 67%
XYZ	32.3332, 30.6353, 42.2393
YIQ	152.6450, 2.9780, 12.1140

Conversions

Conversions Part 2

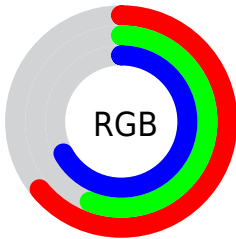
Format	Color
RYB	163, 144, 170
Decimal	10719402
CIELab	62.20, 11.98, -11.04
CIELCh	62, 16.288, 317.331
Yxy	30.6353, 0.3073, 0.2912
Android (android.graphics.Color)	4288909482 (0xFFA390AA)
YUV	152.6450, 8.5560, 9.0813
Hunter-Lab	55.3492, 7.4129, -6.5023

Details

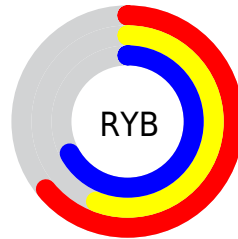
The XYZ color **32.3332, 30.6353, 42.2393** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **32.1724, 37.3432, 31.8993**, and the grayscale version is **30.0879, 31.6549, 34.4721**.

A 20% lighter version of the original color is **62.6981, 60.7298, 79.6516**, and **13.8283, 12.6929, 18.8607** is the 20% darker color. If you saturate the color by 10%, you get **29.0297, 25.3942, 41.4022**, and if you desaturate by 10%, it is **36.0602, 36.6720, 43.2085**.

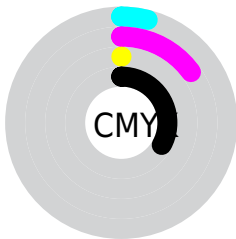
Distribution



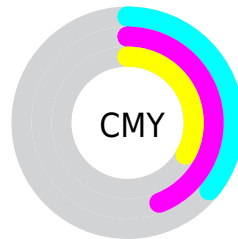
- Red (64%)
- Green (56%)
- Blue (67%)



- Red (64%)
- Yellow (56%)
- Blue (67%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (33%)





- Cyan (36%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3332, 30.6353, 42.2393 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 32.3332, 30.6353, 42.2393 by changing the saturation by 10% instead.


 32.3332, 30.6353,
42.2393

 32.3332, 30.6353,
42.2393


304.3527,
304.8546, 371.3029

 21.7729, 20.3213,
28.9617


 62.6948, 60.6654,
79.8357

 13.8058, 12.6288,
18.8066


 83.2267, 81.1503,
104.9916

 8.0665, 7.1734,
11.3552


107.8133,
105.7944, 134.9440

 4.1897, 3.5708,
6.1891

136.8198,
134.9818, 170.1115

 1.8100, 1.4365,
2.8898

170.6117,
169.0972, 210.9125

 0.5237, 0.2434,
1.0386

209.5542,

 0.0000, 0.0000,

208.5249, 257.7658

0.0000

254.0128,
253.6492, 311.0897

■ 32.3332, 30.6353,
42.2393

■ 32.3332, 30.6353,
42.2393

■ 29.0297, 25.3942,
41.4022

■ 36.0602, 36.6720,
43.2085

■ 26.1294, 20.9099,
40.6896

■ 40.2244, 43.5329,
44.3133

■ 23.6141, 17.1465,
40.0957

■ 44.8425, 51.2501,
45.5595

■ 21.4633, 14.0635,
39.6140

■ 49.9292, 59.8526,
46.9519

■ 19.6545, 11.6160,
39.2369

■ 55.4987, 69.3683,
48.4950

■ 18.1623, 9.7541,
38.9562

■ 61.5644, 79.8236,
50.1934

■ 16.9574, 8.4198,
38.7621

■ 65.5324, 86.0300,
51.1822

■ 16.0034, 7.5408,
38.6428

■ 66.7337, 86.6493,
51.2385

■ 15.6010, 7.2044,
38.5990

■ 67.9716, 87.2875,
51.2964

Harmonies

Analogous

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



30.3935, 30.6353, 46.2787



32.3332, 30.6353, 42.2393



33.4335, 30.6353, 36.0789

Triad

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



32.3332, 30.6353, 42.2393



30.0536, 30.6353, 22.8976



25.2715, 30.6353, 37.0889

Complementary

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



32.3332, 30.6353, 42.2393



32.1724, 37.3432, 31.8993

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.



25.1907, 30.6353, 30.7749



32.3332, 30.6353, 42.2393



27.8785, 30.6353, 23.0962

Square

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



32.3332, 30.6353, 42.2393



32.0736, 30.6353, 25.2341



26.1232, 30.6353, 25.8157



26.3497, 30.6353, 43.0583

Rectangle

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



32.3332, 30.6353, 42.2393



33.5084, 30.6353, 31.8378



26.1232, 30.6353, 25.8157



25.1288, 30.6353, 34.9230

Sweetspot

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



32.3341, 30.6366, 42.2400



65.5711, 66.7729, 78.4344



29.8842, 31.0843, 42.4555



14.5139, 14.7130, 17.4626



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.3341, 30.6366, 42.2400



56.7677, 52.5512, 76.1533



33.2857, 31.1875, 39.5620



7.6420, 7.5635, 9.4755



11.5312, 5.3280, 28.3961



0.3254, 0.1527, 0.6930

Inverse Universe

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



32.1378, 30.7283, 33.5169



56.3780, 52.7633, 57.4716



31.3529, 36.8698, 34.1650



7.6110, 7.5743, 8.2687



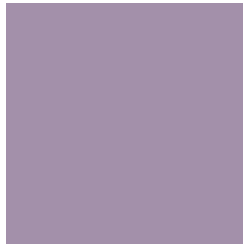
12.5746, 6.4386, 2.5717



0.3268, 0.1650, 0.1724

Previews

White Background



This preview shows how the XYZ color 32.3332, 30.6353, 42.2393 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 32.3332, 30.6353, 42.2393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

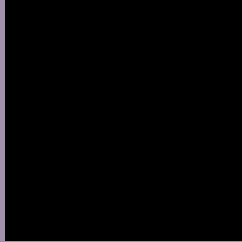
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.3332, 30.6353, 42.2393

Background



This preview shows how black text looks on a background with the XYZ color 32.3332, 30.6353, 42.2393.



This preview shows how white text looks on a background with the XYZ color 32.3332, 30.6353,

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

32.3332, 30.6353, 42.2393

Protanopia

30.1443, 30.6230, 43.8572

Deuteranopia

31.2449, 30.5280, 42.2759



Tritanopia

31.1484, 30.6035, 36.6131

Trichromacy



Original Color

32.3332, 30.6353, 42.2393

Protanomaly

30.8290, 30.5214, 43.2961

Deuteranomaly

31.6792, 30.5240, 42.2523

Tritanomaly

31.5473, 30.5408, 38.4147

Monochromacy



Original Color

32.3332, 30.6353, 42.2393

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.0690, 31.4840, 37.2404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3332, 30.6353, 42.2393 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(163, 144, 170)` looks like.

```
.text, #text, p{  
    color:rgb(163, 144, 170)  
}
```

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(163, 144, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 144, 170) }
```

Border

The CSS property to change the border of an element to XYZ 32.3332, 30.6353, 42.2393 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(163, 144, 170) }
```


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

```
.border{ border-color:rgb(163, 144, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 144, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 144, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 144, 170);  
box-shadow:4px 4px 4px 4px rgb(163, 144,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3332, 30.6353, 42.2393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 144, 170) }
```

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

```
.background{ background-color: rgb(163,  
144, 170) }
```

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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