

Converting Colors

XYZ(32.1954, 15.6260, 52.5383)

Have a look what the booklet for
XYZ(32.1954, 15.6260, 52.5383)
contains.

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Color

**XYZ(32.0943, 15.5815,
52.3549)**

Conversions

Conversions Part 1

Format	Color
Hex	C20AC2
RGB	194, 10, 194
RGB Percent	76%, 4%, 76%
CMY	0.2392, 0.9607, 0.2392
CMYK	0.00, 0.95, 0.00, 0.24
HSL	300°, 90%, 40%
HSV	300°, 95%, 76%
XYZ	32.0943, 15.5815, 52.3549
YIQ	85.9920, 50.6000, 96.2320

Conversions

Conversions Part 2

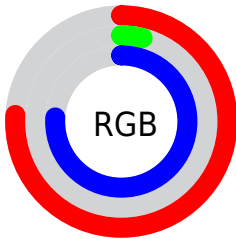
Format	Color
RYB	194, 10, 194
Decimal	12716738
CIELab	46.42, 79.12, -49.06
CIELCh	46, 93.100, 328.197
Yxy	15.5815, 0.3208, 0.1558
Android (android.graphics.Color)	4290906818 (0xFFC20AC2)
YUV	85.9920, 53.2479, 94.7230
Hunter-Lab	39.4734, 76.0530, -51.0069

Details

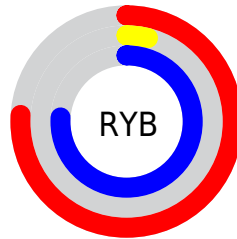
The XYZ color **32.0943, 15.5815, 52.3549** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **19.4725, 38.6708, 6.7259**, and the grayscale version is **8.7303, 9.1849, 10.0024**.

A 20% lighter version of the original color is **62.2000, 35.8646, 94.9110**, and **14.6519, 7.0150, 25.0079** is the 20% darker color. If you saturate the color by 10%, you get **31.9861, 15.3646, 52.3189**, and if you desaturate by 10%, it is **32.4360, 16.2644, 52.4690**.

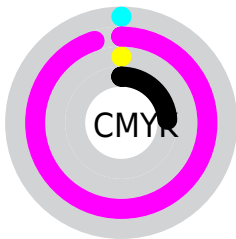
Distribution



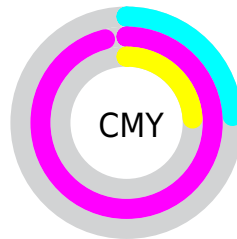
- Red (76%)
- Green (4%)
- Blue (76%)



- Red (76%)
- Yellow (4%)
- Blue (76%)



- Cyan (0%)
- Magenta (95%)
- Yellow (0%)
- Black (24%)





- Cyan (24%)
- Magenta (96%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0943, 15.5815, 52.3549 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 32.0943, 15.5815, 52.3549 by changing the saturation by 10% instead.

 32.0943, 15.5815,
52.3549

 32.0943, 15.5815,
52.3549


303.2863,
226.8594, 412.8011

 21.5894, 9.2285,
36.9038


 62.3231, 35.8701,
95.0863


 13.6704, 4.8905,
24.8378


 82.7777, 50.5745,
123.2038


 7.9720, 2.1832,
15.7384


 107.2797, 68.8316,
156.3805

 4.1287, 0.7108,
9.1869

 136.1942, 91.0256,
195.0349

 1.7752, 0.0000,
4.7648

 169.8868,
117.5410, 239.5857

 0.5027, 0.0000,
2.0536

 208.7228,

 0.0000, 0.0000,

148.7621, 290.4512

0.5880

253.0675,
185.0735, 348.0502

■ 0.0000, 0.0000,
0.0000

■ 32.0943, 15.5815,
52.3549

■ 32.0943, 15.5815,
52.3549

■ 31.9861, 15.3646,
52.3189

■ 32.4360, 16.2644,
52.4690

■ 33.0772, 17.5468,
52.6827

■ 34.0670, 19.5263,
53.0127

■ 35.4454, 22.2830,
53.4722

■ 37.2467, 25.8857,
54.0727

■ 39.5018, 30.3959,
54.8245

■ 42.2385, 35.8693,
55.7368

■ 45.4825, 42.3571,
56.8182

■ 49.2574, 49.9070,
58.0765

Harmonies

Analogous

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



23.3263, 15.5815, 92.8733



32.0943, 15.5815, 52.3549



36.1031, 15.5815, 18.3890

Triad

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



32.0943, 15.5815, 52.3549



15.2988, 15.5815, 0.0000



4.9724, 15.5815, 47.4318

Complementary

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



32.0943, 15.5815, 52.3549



19.4725, 38.6708, 6.7259

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.



4.1454, 15.5815, 15.6176



32.0943, 15.5815, 52.3549



8.6685, 15.5815, 0.0000

Square

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



32.0943, 15.5815, 52.3549



24.4790, 15.5815, 0.0638



5.2098, 15.5815, 2.7329



8.0954, 15.5815, 88.6364

Rectangle

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



32.0943, 15.5815, 52.3549



34.7417, 15.5815, 6.5959



5.2098, 15.5815, 2.7329



4.4798, 15.5815, 34.7642

Sweetspot

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



32.0949, 15.5822, 52.3552



74.6298, 61.1957, 100.3480



9.9721, 4.1775, 51.3204



15.8725, 12.4598, 21.8183



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.0949, 15.5822, 52.3552



57.9500, 27.8363, 94.7873



24.7563, 12.6468, 13.7103



10.4973, 10.2475, 12.7095



21.0296, 10.1016, 34.3976



0.9086, 0.4365, 1.4862

Inverse Universe

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



32.0949, 15.5822, 52.3552



57.9500, 27.8363, 94.7873



21.8166, 39.6084, 19.0694



10.4973, 10.2475, 12.7095



21.0296, 10.1016, 34.3976



0.9086, 0.4365, 1.4862

Previews

White Background



This preview shows how the XYZ color 32.0943, 15.5815, 52.3549 looks on a white background.

Color Contrast Check

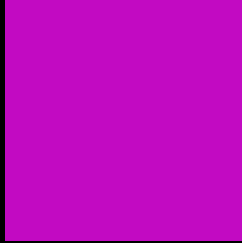
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 32.0943, 15.5815, 52.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

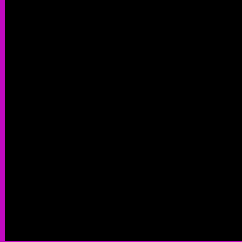
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 32.0943, 15.5815, 52.3549

Background



This preview shows how black text looks on a background with the XYZ color 32.0943, 15.5815, 52.3549.



This preview shows how white text looks on a background with the XYZ color 32.0943, 15.5815,

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

32.0943, 15.5815, 52.3549

Protanopia

19.3662, 16.3266, 75.5294

Deuteranopia

16.5524, 16.1590, 46.5026



Tritanopia

23.4683, 15.8620, 9.8074

Trichromacy



Original Color

32.0943, 15.5815, 52.3549



Protanomaly

17.3106, 10.9322, 66.1635



Deuteranomaly

18.1891, 12.0880, 47.8289



Tritanomaly

25.0980, 14.4154, 20.1985

Monochromacy



Original Color

32.0943, 15.5815, 52.3549



Achromatopsia

8.8453, 9.3059, 10.1341



Achromatomaly

13.6722, 8.8668, 20.3929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0943, 15.5815, 52.3549 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(194, 10, 194)` looks like.

```
.text, #text, p{  
    color:rgb(194, 10, 194)  
}
```

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(194, 10, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 10, 194) }
```

Border

The CSS property to change the border of an element to XYZ 32.0943, 15.5815, 52.3549 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(194, 10, 194) }
```


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

```
.border{ border-color:rgb(194, 10, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 10, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 10, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 10, 194);  
box-shadow:4px 4px 4px 4px rgb(194, 10,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0943, 15.5815, 52.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 10, 194) }
```

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

```
.background{ background-color: rgb(194, 10,  
194) }
```

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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