

Converting Colors

XYZ(25.1748, 12.2726, 33.0515)

Have a look what the booklet for
XYZ(25.1748, 12.2726, 33.0515)
contains.

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Color

**XYZ(25.1419, 12.2581,
32.9392)**

Conversions

Conversions Part 1

Format	Color
Hex	B5009D
RGB	181, 0, 157
RGB Percent	71%, 0%, 62%
CMY	0.2902, 0.9999, 0.3843
CMYK	0.00, 1.00, 0.13, 0.29
HSL	308°, 100%, 35%
HSV	308°, 100%, 71%
XYZ	25.1419, 12.2581, 32.9392
YIQ	72.0170, 57.4790, 87.1990

Conversions

Conversions Part 2

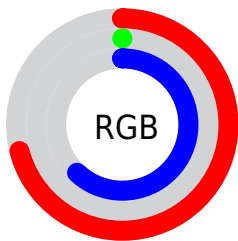
Format	Color
RYB	181, 0, 157
Decimal	11862173
CIELab	41.62, 72.59, -34.91
CIELCh	42, 80.546, 334.316
Yxy	12.2581, 0.3574, 0.1743
Android (android.graphics.Color)	4290052253 (0xFFB5009D)
YUV	72.0170, 41.8966, 95.5781
Hunter-Lab	35.0116, 66.9111, -31.2725

Details

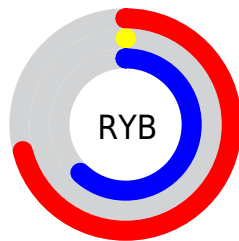
The XYZ color **25.1419, 12.2581, 32.9392** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **16.6895, 33.1143, 6.3776**, and the grayscale version is **6.0884, 6.4055, 6.9756**.

A 20% lighter version of the original color is **51.4078, 29.9512, 65.3590**, and **10.7182, 5.2309, 13.8093** is the 20% darker color. If you saturate the color by 10%, you get **25.1418, 12.2581, 32.9379**, and if you desaturate by 10%, it is **25.5674, 12.7777, 34.1022**.

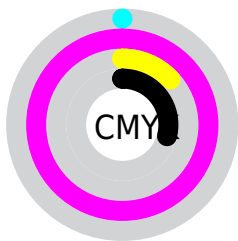
Distribution



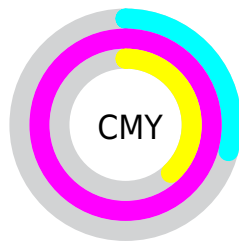
- Red (71%)
- Green (0%)
- Blue (62%)



- Red (71%)
- Yellow (0%)
- Blue (62%)



- Cyan (0%)
- Magenta (100%)
- Yellow (13%)
- Black (29%)





- Cyan (29%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1419, 12.2581, 32.9392 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 25.1419, 12.2581, 32.9392 by changing the saturation by 10% instead.


 25.1419, 12.2581,
32.9392


 25.1419, 12.2581,
32.9392


270.8785,
206.1066, 329.9993


 16.3121, 6.9197,
21.8091


 51.3286, 29.9643,
65.3955


 9.8375, 3.4119,
13.5197


 69.4162, 43.1009,
87.5588


 5.3528, 1.3504,
7.6525


 91.3204, 59.6057,
114.2370

 2.4926, 0.1797,
3.7888

 117.4066, 79.8631,
145.8485

 0.8915, 0.0000,
1.5102

 148.0401,
104.2575, 182.8120

 0.0000, 0.0000,
0.2255

 183.5864,

 0.0000, 0.0000,

133.1733, 225.5459

0.0000

224.4107,
166.9949, 274.4688

■ 25.1419, 12.2581,
32.9392

■ 25.1419, 12.2581,
32.9392

■ 25.1418, 12.2581,
32.9379

■ 25.5674, 12.7777,
34.1022

■ 26.1979, 13.7008,
35.3535

■ 27.1096, 15.1801,
36.7186

■ 28.3395, 17.2890,
38.2100

■ 29.9185, 20.0897,
39.8380

■ 31.8741, 23.6369,
41.6120

■ 34.2309, 27.9799,
43.5403

■ 37.0115, 33.1638,
45.6304

■ 40.2368, 39.2303,
47.8895

Harmonies

Analogous

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



19.2804, 12.2581, 62.1196



25.1419, 12.2581, 32.9392



27.0025, 12.2581, 11.0502

Triad

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



25.1419, 12.2581, 32.9392



10.8187, 12.2581, 0.0000



4.5727, 12.2581, 41.2859

Complementary

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



25.1419, 12.2581, 32.9392



16.6895, 33.1143, 6.3776

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.



3.6093, 12.2581, 15.9418



25.1419, 12.2581, 32.9392



6.3580, 12.2581, 0.3662

Square

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



25.1419, 12.2581, 32.9392



17.2864, 12.2581, 0.0000



4.1305, 12.2581, 3.6422



7.3964, 12.2581, 69.1809

Rectangle

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



25.1419, 12.2581, 32.9392



25.3335, 12.2581, 3.9459



4.1305, 12.2581, 3.6422



4.0735, 12.2581, 31.6723

Sweetspot

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



25.1424, 12.2587, 32.9394



61.0709, 49.6747, 77.7942



8.6530, 3.4977, 43.9356



12.8054, 10.0078, 16.4985



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.



25.1424, 12.2587, 32.9394



44.9668, 21.9293, 58.6681



20.1431, 10.2590, 6.6138



8.8006, 8.6270, 10.4483



17.3505, 8.4577, 22.8033



0.5593, 0.2715, 0.7880

Inverse Universe

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



25.1424, 12.2587, 32.9394



44.9668, 21.9293, 58.6681



19.4282, 34.2098, 20.7996



8.8006, 8.6270, 10.4483



17.3505, 8.4577, 22.8033



0.5593, 0.2715, 0.7880

Previews

White Background



This preview shows how the XYZ color 25.1419, 12.2581, 32.9392 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

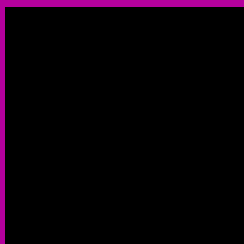
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.1419, 12.2581, 32.9392

Background



This preview shows how black text looks on a background with the XYZ color 25.1419, 12.2581, 32.9392.



This preview shows how white text looks on a background with the XYZ color 25.1419, 12.2581,

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

25.1419, 12.2581, 32.9392

Protanopia

15.4153, 13.0056, 60.0904

Deuteranopia

13.2170, 12.9703, 29.4107



Tritanopia

19.9103, 12.7111, 6.4051

Trichromacy



Original Color

25.1419, 12.2581, 32.9392



Protanomaly

13.0465, 8.2343, 48.4787



Deuteranomaly

14.7554, 9.6831, 30.3695



Tritanomaly

20.8346, 11.5630, 12.6890

Monochromacy



Original Color

25.1419, 12.2581, 32.9392



Achromatopsia

6.1596, 6.4803, 7.0571



Achromatomaly

10.1073, 6.3780, 13.5303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1419, 12.2581, 32.9392 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(181, 0, 157)` looks like.

```
.text, #text, p{  
    color:rgb(181, 0, 157)  
}
```

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(181, 0, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 0, 157) }
```

Border

The CSS property to change the border of an element to XYZ 25.1419, 12.2581, 32.9392 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(181, 0, 157) }
```


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

```
.border{ border-color:rgb(181, 0, 157) }
```

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

Here you see how a box with a 4 pixel rgb(181, 0, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 0, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 0, 157);  
box-shadow:4px 4px 4px 4px rgb(181, 0,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1419, 12.2581, 32.9392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 0, 157) }
```

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

```
.background{ background-color: rgb(181, 0,  
157) }
```

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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