

Converting Colors

XYZ(26.1373, 12.2848, 54.9656)

Have a look what the booklet for
XYZ(26.1373, 12.2848, 54.9656)
contains.

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Color

**XYZ(26.2452, 12.3390,
55.0312)**

Conversions

Conversions Part 1

Format	Color
Hex	A700C7
RGB	167, 0, 199
RGB Percent	65%, 0%, 78%
CMY	0.3451, 1.0000, 0.2196
CMYK	0.16, 1.00, 0.00, 0.22
HSL	290°, 100%, 39%
HSV	290°, 100%, 78%
XYZ	26.2452, 12.3390, 55.0312
YIQ	72.6190, 35.6530, 97.2930

Conversions

Conversions Part 2

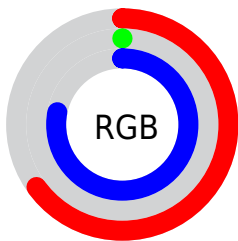
Format	Color
R_{YB}	167, 0, 199
Decimal	10944711
CIE _{Lab}	41.75, 76.67, -59.74
CIE _{LCh}	42, 97.198, 322.074
Yxy	12.3390, 0.2804, 0.1318
Android (android.graphics.Color)	4289134791 (0xFFA700C7)
YUV	72.6190, 62.3058, 82.7721
Hunter-Lab	35.1269, 71.8948, -68.2972

Details

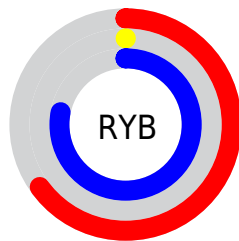
The XYZ color **26.2452, 12.3390, 55.0312** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **21.0195, 41.1542, 6.8360**, and the grayscale version is **6.1590, 6.4798, 7.0565**.

A 20% lighter version of the original color is **52.6625, 29.8858, 97.6006**, and **11.3407, 5.2648, 26.8040** is the 20% darker color. If you saturate the color by 10%, you get **26.2453, 12.3391, 55.0314**, and if you desaturate by 10%, it is **27.1787, 13.1893, 55.1463**.

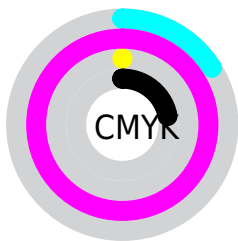
Distribution



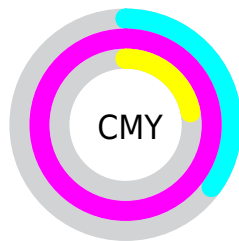
- Red (65%)
- Green (0%)
- Blue (78%)



- Red (65%)
- Yellow (0%)
- Blue (78%)



- Cyan (16%)
- Magenta (100%)
- Yellow (0%)
- Black (22%)





- Cyan (35%)
- Magenta (100%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2452, 12.3390, 55.0312 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 26.2452, 12.3390, 55.0312 by changing the saturation by 10% instead.


 26.2452, 12.3390,
55.0312

 26.2452, 12.3390,
55.0312

276.2184,
206.6368, 423.3155


 17.1408, 6.9750,
39.0279


 53.0987, 30.1110,
99.0583


 10.4309, 3.4465,
26.4735


 71.5786, 43.2879,
127.9192


 5.7500, 1.3690,
16.9492


 93.9143, 59.8377,
161.9030

 2.7329, 0.1937,
10.0367

 120.4713, 80.1451,
201.4283

 1.0141, 0.0000,
5.3174

 151.6148,
104.5942, 246.9137

 0.0000, 0.0000,
2.3727

 187.7102,

 0.0000, 0.0000,

133.5697, 298.7777

0.7715

229.1230,
167.4557, 357.4387

■ 0.0000, 0.0000,
0.0000

■ 26.2452, 12.3390,
55.0312

■ 26.2452, 12.3390,
55.0312

■ 26.2453, 12.3391,
55.0314

■ 27.1787, 13.1893,
55.1463

■ 28.3839, 14.5585,
55.3471

■ 29.9506, 16.6255,
55.6635

■ 31.9254, 19.4836,
56.1111

■ 34.3482, 23.2118,
56.7030

■ 37.2535, 27.8796,
57.4508

■ 40.6727, 33.5492,
58.3650

■ 44.6342, 40.2776,
59.4549

■ 49.1646, 48.1174,
60.7293

Harmonies

Analogous

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



17.6854, 12.3390, 92.8272



26.2452, 12.3390, 55.0312



31.2758, 12.3390, 19.6239

Triad

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



26.2452, 12.3390, 55.0312



13.7262, 12.3390, 0.0000



3.0477, 12.3390, 34.3087

Complementary

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



26.2452, 12.3390, 55.0312



21.0195, 41.1542, 6.8360

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.



2.7048, 12.3390, 8.7070



26.2452, 12.3390, 55.0312



7.2855, 12.3390, 0.0000

Square

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



26.2452, 12.3390, 55.0312



22.3608, 12.3390, 0.0000



3.8862, 12.3390, 0.8558



5.1482, 12.3390, 74.5032

Rectangle

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



26.2452, 12.3390, 55.0312



30.9449, 12.3390, 6.7712



3.8862, 12.3390, 0.8558



2.7703, 12.3390, 23.4599

Sweetspot

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



26.2458, 12.3395, 55.0315



70.9283, 58.2612, 102.1150



10.8577, 5.2211, 54.4685



14.6129, 11.5214, 21.7036



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.



26.2458, 12.3395, 55.0315



45.7802, 21.5155, 96.3478



27.7643, 13.8267, 23.2766



10.9092, 10.7270, 13.4130



16.9383, 7.9663, 35.3893



0.8481, 0.4010, 1.6778

Inverse Universe

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



23.8142, 12.2467, 2.4758



41.6403, 21.4201, 4.0380



21.4171, 41.2444, 12.0392



10.7023, 10.6643, 11.4155



15.3344, 7.8833, 1.7050



0.7486, 0.3823, 0.1992

Previews

White Background



This preview shows how the XYZ color 26.2452, 12.3390, 55.0312 looks on a white background.

Color Contrast Check

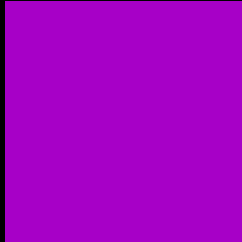
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2452, 12.3390, 55.0312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

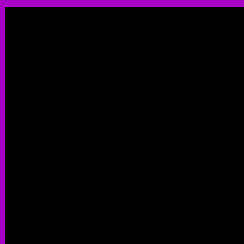
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.2452, 12.3390, 55.0312

Background



This preview shows how black text looks on a background with the XYZ color 26.2452, 12.3390, 55.0312.



This preview shows how white text looks on a background with the XYZ color 26.2452, 12.3390,

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

26.2452, 12.3390, 55.0312

Protanopia

15.2941, 12.9572, 59.4525

Deuteranopia

13.1907, 13.0367, 45.5372



Tritanopia

17.0871, 12.6682, 9.9321

Trichromacy



Original Color

26.2452, 12.3390, 55.0312



Protanomaly

14.4266, 8.7491, 57.4283



Deuteranomaly

12.9498, 8.5194, 48.5388



Tritanomaly

18.8111, 10.9557, 20.8619

Monochromacy



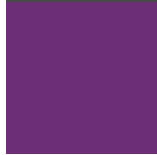
Original Color

26.2452, 12.3390, 55.0312



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.3702, 6.4117, 18.1438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2452, 12.3390, 55.0312 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(167, 0, 199)` looks like.

```
.text, #text, p{  
    color:rgb(167, 0, 199)  
}
```

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(167, 0, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 0, 199) }
```

Border

The CSS property to change the border of an element to XYZ 26.2452, 12.3390, 55.0312 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(167, 0, 199) }
```


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

```
.border{ border-color:rgb(167, 0, 199) }
```

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

Here you see how a box with a 4 pixel rgb(167, 0, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 0, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 0, 199);  
box-shadow:4px 4px 4px 4px rgb(167, 0,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2452, 12.3390, 55.0312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 0, 199) }
```

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

```
.background{ background-color: rgb(167, 0,  
199) }
```

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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