

Converting Colors

XYZ(26.2218, 12.5488, 45.0100)

Have a look what the booklet for
XYZ(26.2218, 12.5488, 45.0100)
contains.

XYZ(26.2450, 12.5663, 44.7583)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.2450, 12.5663,
44.7583)**

Conversions

Conversions Part 1

Format	Color
Hex	B000B5
RGB	176, 0, 181
RGB Percent	69%, 0%, 71%
CMY	0.3098, 0.9999, 0.2902
CMYK	0.03, 1.00, 0.00, 0.29
HSL	298°, 100%, 35%
HSV	298°, 100%, 71%
XYZ	26.2450, 12.5663, 44.7583
YIQ	73.2580, 46.7950, 93.6030

Conversions

Conversions Part 2

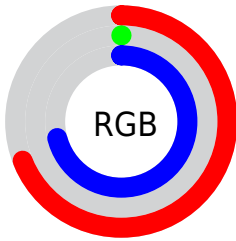
Format	Color
R_{YB}	176, 0, 181
Decimal	11534517
CIE _{Lab}	42.10, 75.15, -48.53
CIE _{LCh}	42, 89.459, 327.146
Yxy	12.5663, 0.3140, 0.1504
Android (android.graphics.Color)	4289724597 (0xFFB000B5)
YUV	73.2580, 53.1168, 90.1047
Hunter-Lab	35.4490, 70.1185, -50.0460

Details

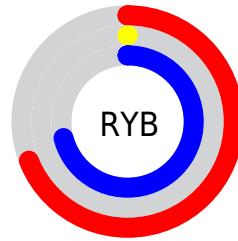
The XYZ color **26.2450, 12.5663, 44.7583** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **16.5868, 33.0803, 5.5114**, and the grayscale version is **6.2842, 6.6115, 7.1999**.

A 20% lighter version of the original color is **53.0214, 30.4908, 83.9797**, and **11.3020, 5.3839, 20.5222** is the 20% darker color. If you saturate the color by 10%, you get **26.2452, 12.5664, 44.7585**, and if you desaturate by 10%, it is **26.5768, 13.0613, 44.8365**.

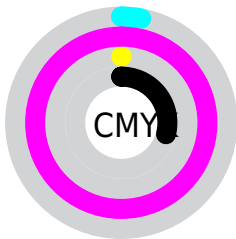
Distribution



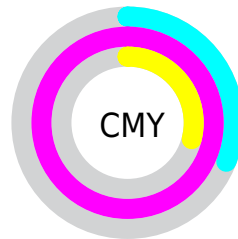
- Red (69%)
- Green (0%)
- Blue (71%)



- Red (69%)
- Yellow (0%)
- Blue (71%)



- Cyan (3%)
- Magenta (100%)
- Yellow (0%)
- Black (29%)





- Cyan (31%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2450, 12.5663, 44.7583 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 26.2450, 12.5663, 44.7583 by changing the saturation by 10% instead.


 26.2450, 12.5663,
44.7583

 26.2450, 12.5663,
44.7583

276.2174,
208.1191, 381.9253


 17.1407, 7.1306,
30.9255


 53.0984, 30.5224,
83.6722

 10.4308, 3.5439,
20.2842


 71.5782, 43.8116,
109.5904


 5.7499, 1.4219,
12.4156


 93.9138, 60.4873,
140.3742

 2.7328, 0.2327,
6.9014

 120.4707, 80.9341,
176.4420

 1.0141, 0.0000,
3.3230

 151.6141,
105.5363, 218.2126

 0.0000, 0.0000,
1.2618

 187.7095,

 0.0000, 0.0000,

134.6782, 266.1042

0.0302

229.1221,
168.7444, 320.5357

■ 0.0000, 0.0000,
0.0000

■ 26.2450, 12.5663,
44.7583

■ 26.2450, 12.5663,
44.7583

■ 26.2452, 12.5664,
44.7585

■ 26.5768, 13.0613,
44.8365

■ 27.1098, 13.9585,
44.9816

■ 27.9204, 15.4104,
45.2191

■ 29.0454, 17.4903,
45.5613

■ 30.5159, 20.2607,
46.0185

■ 32.3592, 23.7761,
46.5999

■ 34.6000, 28.0858,
47.3137

■ 37.2608, 33.2350,
48.1673

■ 40.3624, 39.2652,
49.1678

Harmonies

Analogous

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



18.7871, 12.5663, 79.0864



26.2450, 12.5663, 44.7583



29.8302, 12.5663, 15.5902

Triad

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



26.2450, 12.5663, 44.7583



12.5926, 12.5663, 0.0000



3.7912, 12.5663, 38.1468

Complementary

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



26.2450, 12.5663, 44.7583



16.5868, 33.0803, 5.5114

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.



3.1788, 12.5663, 11.9373



26.2450, 12.5663, 44.7583



7.0042, 12.5663, 0.0000

Square

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



26.2450, 12.5663, 44.7583



20.3200, 12.5663, 0.0000



4.0955, 12.5663, 1.8748



6.2589, 12.5663, 73.3522

Rectangle

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



26.2450, 12.5663, 44.7583



28.8238, 12.5663, 5.4715



4.0955, 12.5663, 1.8748



3.4131, 12.5663, 27.5835

Sweetspot

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



26.2455, 12.5669, 44.7586



61.7446, 49.8706, 84.6663



8.4064, 3.4677, 43.9425



12.9698, 10.0555, 18.1796



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.



26.2455, 12.5669, 44.7586



46.9707, 22.4887, 80.1597



21.1927, 10.6787, 12.1418



8.8264, 8.6345, 10.7078



18.1030, 8.6682, 30.8560



0.5768, 0.2765, 0.9712

Inverse Universe

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



19.0838, 9.8352, 1.0366



34.1645, 17.6084, 1.7842



18.1431, 33.6956, 14.0333



8.5056, 8.5089, 8.8947



13.1600, 6.7816, 0.7367



0.4172, 0.2146, 0.0397

Previews

White Background



This preview shows how the XYZ color 26.2450, 12.5663, 44.7583 looks on a white background.

Color Contrast Check

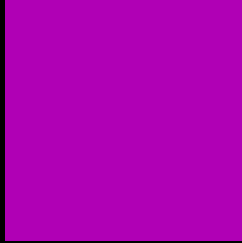
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2450, 12.5663, 44.7583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

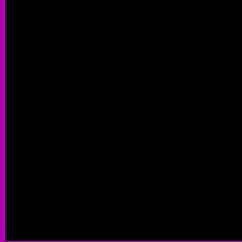
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.2450, 12.5663, 44.7583

Background



This preview shows how black text looks on a background with the XYZ color 26.2450, 12.5663, 44.7583.



This preview shows how white text looks on a background with the XYZ color 26.2450, 12.5663,

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

26.2450, 12.5663, 44.7583

Protanopia

15.6302, 13.2404, 60.7633

Deuteranopia

13.5826, 13.2172, 39.8655



Tritanopia

18.8676, 12.9208, 8.3370

Trichromacy



Original Color

26.2450, 12.5663, 44.7583



Protanomaly

14.0300, 8.6125, 54.3490



Deuteranomaly

14.6759, 9.4892, 41.1025



Tritanomaly

20.1241, 11.4165, 17.0625

Monochromacy



Original Color

26.2450, 12.5663, 44.7583



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.3320, 6.4388, 16.0275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2450, 12.5663, 44.7583 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(176, 0, 181)` looks like.

```
.text, #text, p{  
    color:rgb(176, 0, 181)  
}
```

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(176, 0, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 0, 181) }
```

Border

The CSS property to change the border of an element to XYZ 26.2450, 12.5663, 44.7583 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(176, 0, 181) }
```


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

```
.border{ border-color:rgb(176, 0, 181) }
```

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

Here you see how a box with a 4 pixel rgb(176, 0, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 0, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 0, 181);  
box-shadow:4px 4px 4px 4px rgb(176, 0,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2450, 12.5663, 44.7583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 0, 181) }
```

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

```
.background{ background-color: rgb(176, 0,  
181) }
```

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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