

Converting Colors

XYZ(25.9870, 12.6672, 34.1776)

Have a look what the booklet for
XYZ(25.9870, 12.6672, 34.1776)
contains.

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Color

**XYZ(26.1123, 12.7284,
34.3383)**

Conversions

Conversions Part 1

Format	Color
Hex	B800A0
RGB	184, 0, 160
RGB Percent	72%, 0%, 63%
CMY	0.2784, 0.9999, 0.3725
CMYK	0.00, 1.00, 0.13, 0.28
HSL	308°, 100%, 36%
HSV	308°, 100%, 72%
XYZ	26.1123, 12.7284, 34.3383
YIQ	73.2560, 58.3040, 88.7680

Conversions

Conversions Part 2

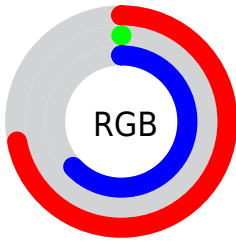
Format	Color
RYB	184, 0, 160
Decimal	12058784
CIELab	42.35, 73.53, -35.53
CIELCh	42, 81.662, 334.210
Yxy	12.7284, 0.3568, 0.1739
Android (android.graphics.Color)	4290248864 (0xFFB800A0)
YUV	73.2560, 42.7648, 97.1225
Hunter-Lab	35.6769, 68.2116, -32.0916

Details

The XYZ color **26.1123, 12.7284, 34.3383** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **17.3061, 34.3474, 6.5831**, and the grayscale version is **6.3005, 6.6287, 7.2186**.

A 20% lighter version of the original color is **52.9018, 30.7950, 67.4458**, and **11.3110, 5.5183, 14.6563** is the 20% darker color. If you saturate the color by 10%, you get **26.1122, 12.7284, 34.3369**, and if you desaturate by 10%, it is **26.5478, 13.2599, 35.5297**.

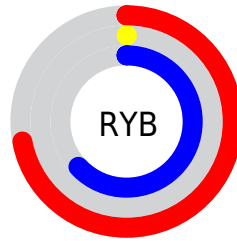
Distribution



Red (72%)

Green (0%)

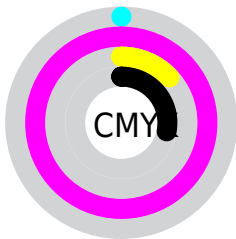
Blue (63%)



Red (72%)

Yellow (0%)

Blue (63%)

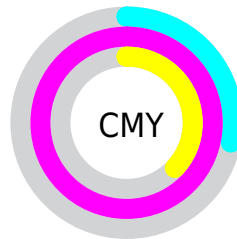


Cyan (0%)

Magenta (100%)

Yellow (13%)

Black (28%)



Cyan (28%)


Magenta (100%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1123, 12.7284, 34.3383 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 26.1123, 12.7284, 34.3383 by changing the saturation by 10% instead.


 26.1123, 12.7284,
34.3383


 26.1123, 12.7284,
34.3383


275.5795,
209.1696, 336.4530


 17.0408, 7.2418,
22.8741


 52.8861, 30.8150,
67.5993


 10.3591, 3.6138,
14.2962


 71.3190, 44.1837,
90.2332


 5.7018, 1.4599,
8.1859


 93.6032, 60.9486,
117.4275

 2.7035, 0.2603,
4.1246

 120.1039, 81.4941,
149.6007

 0.9990, 0.0000,
1.6940

 151.1866,
106.2046, 187.1713

 0.0000, 0.0000,
0.3566

 187.2165,

 0.0000, 0.0000,

135.4644, 230.5578

0.0000

228.5590,
169.6579, 280.1789

■ 26.1123, 12.7284,
34.3383

■ 26.1123, 12.7284,
34.3383

■ 26.1122, 12.7284,
34.3369

■ 26.5478, 13.2599,
35.5297

■ 27.1969, 14.2121,
36.8122

■ 28.1379, 15.7417,
38.2123

■ 29.4092, 17.9253,
39.7429

■ 31.0433, 20.8278,
41.4148

■ 33.0685, 24.5060,
43.2377

■ 35.5108, 29.0115,
45.2202

■ 38.3934, 34.3910,
47.3702

■ 41.7381, 40.6880,
49.6952

Harmonies

Analogous

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



20.0062, 12.7284, 64.6956



26.1123, 12.7284, 34.3383



28.0664, 12.7284, 11.5264

Triad

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



26.1123, 12.7284, 34.3383



11.2534, 12.7284, 0.0000



4.7352, 12.7284, 42.8096

Complementary

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



26.1123, 12.7284, 34.3383



17.3061, 34.3474, 6.5831

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.



3.7404, 12.7284, 16.4870



26.1123, 12.7284, 34.3383



6.6085, 12.7284, 0.3835

Square

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



26.1123, 12.7284, 34.3383



17.9833, 12.7284, 0.0000



4.2873, 12.7284, 3.7509



7.6611, 12.7284, 71.8649

Rectangle

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



26.1123, 12.7284, 34.3383



26.3424, 12.7284, 4.1151



4.2873, 12.7284, 3.7509



4.2188, 12.7284, 32.8164

Sweetspot

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



26.1128, 12.7290, 34.3385



64.1251, 52.1317, 81.7807



8.9718, 3.6261, 45.5747



13.4080, 10.4687, 17.2997



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.1128, 12.7290, 34.3385



47.2716, 23.0481, 61.9097



20.8905, 10.6401, 6.8383



9.3292, 9.1420, 11.0807



18.0147, 8.7797, 23.7622



0.6492, 0.3152, 0.9122

Inverse Universe

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



26.1128, 12.7290, 34.3385



47.2716, 23.0481, 61.9097



20.1485, 35.4844, 21.5511



9.3292, 9.1420, 11.0807



18.0147, 8.7797, 23.7622



0.6492, 0.3152, 0.9122

Previews

White Background



This preview shows how the XYZ color 26.1123, 12.7284, 34.3383 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

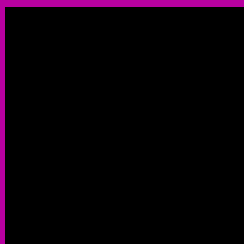
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.1123, 12.7284, 34.3383

Background



This preview shows how black text looks on a background with the XYZ color 26.1123, 12.7284, 34.3383.



This preview shows how white text looks on a background with the XYZ color 26.1123, 12.7284,

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

26.1123, 12.7284, 34.3383

Protanopia

16.0947, 13.5768, 62.7451

Deuteranopia

13.7361, 13.4986, 30.7357



Tritanopia

20.6951, 13.1904, 6.7654

Trichromacy



Original Color

26.1123, 12.7284, 34.3383



Protanomaly

13.6067, 8.5541, 50.8031



Deuteranomaly

15.3308, 10.0356, 31.7009



Tritanomaly

21.6982, 12.0409, 13.4924

Monochromacy



Original Color

26.1123, 12.7284, 34.3383



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.3368, 6.4846, 14.0714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1123, 12.7284, 34.3383 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(184, 0, 160)` looks like.

```
.text, #text, p{  
    color:rgb(184, 0, 160)  
}
```

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(184, 0, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 0, 160) }
```

Border

The CSS property to change the border of an element to XYZ 26.1123, 12.7284, 34.3383 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(184, 0, 160) }
```


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

```
.border{ border-color:rgb(184, 0, 160) }
```

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

Here you see how a box with a 4 pixel rgb(184, 0, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 0, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 0, 160);  
box-shadow:4px 4px 4px 4px rgb(184, 0,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1123, 12.7284, 34.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 0, 160) }
```

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

```
.background{ background-color: rgb(184, 0,  
160) }
```

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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