

Converting Colors

XYZ(25.6044, 12.6091, 27.8724)

Have a look what the booklet for
XYZ(25.6044, 12.6091, 27.8724)
contains.

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Color

**XYZ(25.6044, 12.6091,
27.8724)**

Conversions

Conversions Part 1

Format	Color
Hex	BB0091
RGB	187, 0, 145
RGB Percent	73%, 0%, 57%
CMY	0.2667, 0.9999, 0.4314
CMYK	0.00, 1.00, 0.22, 0.27
HSL	313°, 100%, 37%
HSV	313°, 100%, 73%
XYZ	25.6044, 12.6091, 27.8724
YIQ	72.4430, 64.9070, 84.7390

Conversions

Conversions Part 2

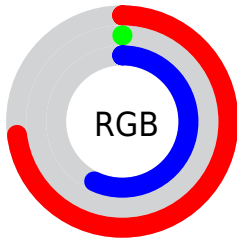
Format	Color
RYB	187, 0, 145
Decimal	12255377
CIELab	42.17, 72.20, -26.70
CIELCh	42, 76.974, 339.704
Yxy	12.6091, 0.3874, 0.1908
Android (android.graphics.Color)	4290445457 (0xFFBB0091)
YUV	72.4430, 35.7706, 100.4665
Hunter-Lab	35.5093, 66.5683, -21.6821

Details

The XYZ color **25.6044, 12.6091, 27.8724** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **18.1892, 35.7085, 8.1266**, and the grayscale version is **6.1707, 6.4921, 7.0699**.

A 20% lighter version of the original color is **51.9944, 30.5533, 57.1898**, and **11.0736, 5.4753, 11.0629** is the 20% darker color. If you saturate the color by 10%, you get **25.6041, 12.6091, 27.8703**, and if you desaturate by 10%, it is **26.1628, 13.1977, 29.6864**.

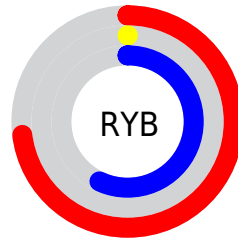
Distribution



Red (73%)

Green (0%)

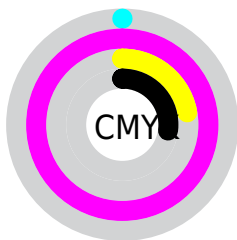
Blue (57%)



Red (73%)

Yellow (0%)

Blue (57%)

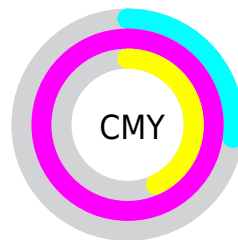


Cyan (0%)

Magenta (100%)

Yellow (22%)

Black (27%)



Cyan (27%)


Magenta (100%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6044, 12.6091, 27.8724 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 25.6044, 12.6091, 27.8724 by changing the saturation by 10% instead.

 25.6044, 12.6091,
27.8724


 25.6044, 12.6091,
27.8724


273.1271,
208.3970, 305.7494


 16.6590, 7.1599,
17.9913


 52.0719, 30.5997,
57.3013

 10.0855, 3.5623,
10.7744


 70.3248, 43.9099,
77.6862

 5.5184, 1.4319,
5.8031

 92.4109, 60.6093,
102.4094

 2.5924, 0.2400,
2.6589

 118.6956, 81.0822,
131.8895

 0.9421, 0.0000,
0.9226

 149.5442,
105.7130, 166.5450

 0.0000, 0.0000,
0.0000

 185.3221,

134.8862, 206.7945

226.3946,
168.9860, 253.0564

■ 25.6044, 12.6091,
27.8724

■ 25.6044, 12.6091,
27.8724

■ 25.6041, 12.6091,
27.8703

■ 26.1628, 13.1977,
29.6864

■ 26.9516, 14.2278,
31.6369

■ 28.0513, 15.8603,
33.7514

■ 29.5020, 18.1750,
36.0437

■ 31.3375, 21.2394,
38.5259

■ 33.5878, 25.1130,
41.2085

■ 36.2794, 29.8492,
44.1008

■ 39.4371, 35.4969,
47.2118

■ 43.0835, 42.1013,
50.5494

Harmonies

Analogous

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



20.5093, 12.6091, 55.2376



25.6044, 12.6091, 27.8724



26.4892, 12.6091, 9.0602

Triad

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



25.6044, 12.6091, 27.8724



10.2186, 12.6091, 0.0000



5.3404, 12.6091, 45.4436

Complementary

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



25.6044, 12.6091, 27.8724



18.1892, 35.7085, 8.1266

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.



4.0649, 12.6091, 19.7770



25.6044, 12.6091, 27.8724



6.2257, 12.6091, 0.9427

Square

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



25.6044, 12.6091, 27.8724



16.2354, 12.6091, 0.0356



4.3268, 12.6091, 5.4242



8.5491, 12.6091, 69.8434

Rectangle

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



25.6044, 12.6091, 27.8724



24.3560, 12.6091, 3.2669



4.3268, 12.6091, 5.4242



4.7264, 12.6091, 36.1065

Sweetspot

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



25.6048, 12.6098, 27.8726



64.7162, 52.9987, 78.7165



9.8660, 4.0504, 47.2759



13.7838, 10.8445, 16.8429



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.6048, 12.6098, 27.8726



45.7630, 22.5452, 49.4226



21.1366, 10.8225, 4.3432



9.8357, 9.6586, 11.5240



17.6695, 8.6990, 19.3511



0.7151, 0.3499, 0.8792

Inverse Universe

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



25.6048, 12.6098, 27.8726



45.7630, 22.5452, 49.4226



22.0756, 37.2630, 28.5921



9.8357, 9.6586, 11.5240



17.6695, 8.6990, 19.3511



0.7151, 0.3499, 0.8792

Previews

White Background



This preview shows how the XYZ color 25.6044, 12.6091, 27.8724 looks on a white background.

Color Contrast Check

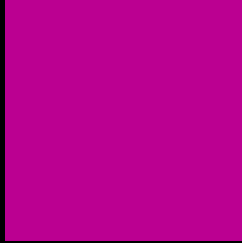
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6044, 12.6091, 27.8724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

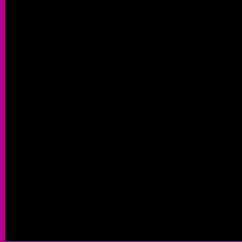
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.6044, 12.6091, 27.8724

Background



This preview shows how black text looks on a background with the XYZ color 25.6044, 12.6091, 27.8724.



This preview shows how white text looks on a background with the XYZ color 25.6044, 12.6091,

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

25.6044, 12.6091, 27.8724

Protanopia

15.9092, 13.3983, 60.1401

Deuteranopia

13.5153, 13.2191, 25.1318



Tritanopia

21.1011, 12.9558, 5.6635

Trichromacy



Original Color

25.6044, 12.6091, 27.8724



Protanomaly

14.0305, 8.7908, 46.3047



Deuteranomaly

15.2460, 10.0429, 25.5610



Tritanomaly

22.0476, 12.0844, 11.0680

Monochromacy



Original Color

25.6044, 12.6091, 27.8724



Achromatopsia

6.1596, 6.4803, 7.0571



Achromatomaly

10.1686, 6.4323, 12.5100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6044, 12.6091, 27.8724 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(187, 0, 145)` looks like.

```
.text, #text, p{  
    color:rgb(187, 0, 145)  
}
```

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(187, 0, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 0, 145) }
```

Border

The CSS property to change the border of an element to XYZ 25.6044, 12.6091, 27.8724 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(187, 0, 145) }
```


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

```
.border{ border-color:rgb(187, 0, 145) }
```

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

Here you see how a box with a 4 pixel rgb(187, 0, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 0, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 0, 145);  
box-shadow:4px 4px 4px 4px rgb(187, 0,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6044, 12.6091, 27.8724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 0, 145) }
```

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

```
.background{ background-color: rgb(187, 0,  
145) }
```

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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