

Converting Colors

XYZ(26.0841, 12.7168, 27.5813)

Have a look what the booklet for
XYZ(26.0841, 12.7168, 27.5813)
contains.

XYZ(26.2692, 12.9608, 27.5027)	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(26.2692, 12.9608,
27.5027)**

Conversions

Conversions Part 1

Format	Color
Hex	BE0090
RGB	190, 0, 144
RGB Percent	75%, 0%, 56%
CMY	0.2549, 0.9999, 0.4353
CMYK	0.00, 1.00, 0.24, 0.25
HSL	315°, 100%, 37%
HSV	315°, 100%, 75%
XYZ	26.2692, 12.9608, 27.5027
YIQ	73.2260, 67.0160, 85.0640

Conversions

Conversions Part 2

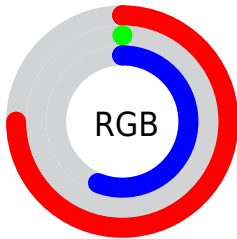
Format	Color
RYB	190, 0, 144
Decimal	12451984
CIELab	42.70, 72.66, -25.21
CIElCh	43, 76.906, 340.863
Yxy	12.9608, 0.3936, 0.1942
Android (android.graphics.Color)	4290642064 (0xFFBE0090)
YUV	73.2260, 34.8916, 102.4108
Hunter-Lab	36.0011, 67.2455, -20.0932

Details

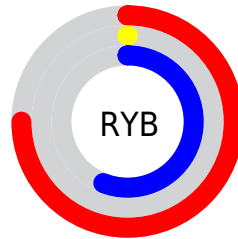
The XYZ color **26.2692, 12.9608, 27.5027** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **18.9077, 37.0247, 8.7381**, and the grayscale version is **6.3083, 6.6368, 7.2275**.

A 20% lighter version of the original color is **53.0256, 31.2176, 56.6569**, and **11.3359, 5.6156, 10.8424** is the 20% darker color. If you saturate the color by 10%, you get **26.2687, 12.9605, 27.4996**, and if you desaturate by 10%, it is **26.8617, 13.5712, 29.4708**.

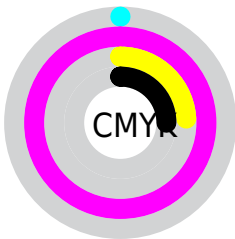
Distribution



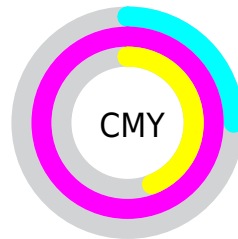
- Red (75%)
- Green (0%)
- Blue (56%)



- Red (75%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (25%)





- Cyan (25%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2692, 12.9608, 27.5027 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 26.2692, 12.9608, 27.5027 by changing the saturation by 10% instead.

 26.2692, 12.9608,
27.5027


 26.2692, 12.9608,
27.5027


276.3336,
210.6663, 303.9198


 17.1589, 7.4016,
17.7154


 53.1371, 31.2333,
56.7030


 10.4438, 3.7145,
10.5785


 71.6254, 44.7154,
76.9530


 5.7587, 1.5152,
5.6736

 93.9705, 61.6073,
101.5277

 2.7382, 0.2994,
2.5821

 120.5375, 82.2932,
130.8456

 1.0169, 0.0000,
0.8832

 151.6920,
107.1577, 165.3252

 0.0000, 0.0000,
0.0000

 187.7993,

136.5851, 205.3851

229.2247,
170.9599, 251.4437

■ 26.2692, 12.9608,
27.5027

■ 26.2692, 12.9608,
27.5027

■ 26.2687, 12.9605,
27.4996

■ 26.8617, 13.5712,
29.4708

■ 27.6958, 14.6421,
31.5909

■ 28.8545, 16.3385,
33.8916

■ 30.3794, 18.7436,
36.3874

■ 32.3058, 21.9277,
39.0910

■ 34.6647, 25.9526,
42.0134

■ 37.4841, 30.8740,
45.1647

■ 40.7895, 36.7426,
48.5542

■ 44.6044, 43.6055,
52.1905

Harmonies

Analogous

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



21.2259, 12.9608, 55.0984



26.2692, 12.9608, 27.5027



26.9702, 12.9608, 8.8761

Triad

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



26.2692, 12.9608, 27.5027



10.3209, 12.9608, 0.0000



5.6271, 12.9608, 47.3554

Complementary

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



26.2692, 12.9608, 27.5027



18.9077, 37.0247, 8.7381

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.



4.2528, 12.9608, 21.0845



26.2692, 12.9608, 27.5027



6.3345, 12.9608, 1.0860

Square

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



26.2692, 12.9608, 27.5027



16.3802, 12.9608, 0.0679



4.4626, 12.9608, 5.9752



8.9913, 12.9608, 71.5396

Rectangle

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



26.2692, 12.9608, 27.5027



24.6949, 12.9608, 3.2065



4.4626, 12.9608, 5.9752



4.9738, 12.9608, 37.8826

Sweetspot

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



26.2696, 12.9615, 27.5029



67.6489, 55.4591, 81.5476



10.3488, 4.2619, 48.9924



14.3570, 11.3051, 17.3622



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.2696, 12.9615, 27.5029



47.4998, 23.4452, 49.2915



21.8263, 11.1842, 4.1047



9.8285, 9.6557, 11.4859



17.4993, 8.6309, 18.4546



0.7097, 0.3478, 0.8504

Inverse Universe

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



26.2696, 12.9615, 27.5029



47.4998, 23.4452, 49.2915



23.0991, 38.7012, 30.8100



9.8285, 9.6557, 11.4859



17.4993, 8.6309, 18.4546



0.7097, 0.3478, 0.8504

Previews

White Background



This preview shows how the XYZ color 26.2692, 12.9608, 27.5027 looks on a white background.

Color Contrast Check

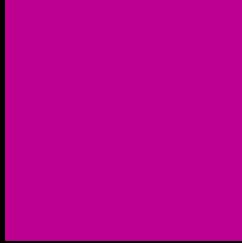
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2692, 12.9608, 27.5027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

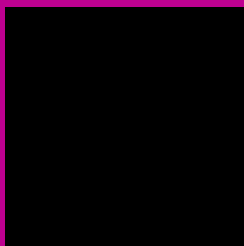
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.2692, 12.9608, 27.5027

Background



This preview shows how black text looks on a background with the XYZ color 26.2692, 12.9608, 27.5027.



This preview shows how white text looks on a background with the XYZ color 26.2692, 12.9608,

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

26.2692, 12.9608, 27.5027

Protanopia

16.3042, 13.8972, 59.5807

Deuteranopia

13.8507, 13.5434, 24.8058



Tritanopia

22.0459, 13.4428, 5.7077

Trichromacy



Original Color

26.2692, 12.9608, 27.5027



Protanomaly

14.7943, 9.3610, 45.8269



Deuteranomaly

15.6268, 10.2476, 25.1991



Tritanomaly

22.7689, 12.4562, 11.1018

Monochromacy



Original Color

26.2692, 12.9608, 27.5027



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.4316, 6.5678, 12.5223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2692, 12.9608, 27.5027 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(190, 0, 144)` looks like.

```
.text, #text, p{  
    color:rgb(190, 0, 144)  
}
```

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(190, 0, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 0, 144) }
```

Border

The CSS property to change the border of an element to XYZ 26.2692, 12.9608, 27.5027 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(190, 0, 144) }
```


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

```
.border{ border-color:rgb(190, 0, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 0, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 0, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 0, 144);  
box-shadow:4px 4px 4px 4px rgb(190, 0,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2692, 12.9608, 27.5027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 0, 144) }
```

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

```
.background{ background-color: rgb(190, 0,  
144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor