

Converting Colors

XYZ(25.6551, 12.6055, 29.2218)

Have a look what the booklet for
XYZ(25.6551, 12.6055, 29.2218)
contains.

XYZ(25.5950, 12.5772, 29.0956)	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(25.5950, 12.5772,
29.0956)**

Conversions

Conversions Part 1

Format	Color
Hex	BA0094
RGB	186, 0, 148
RGB Percent	73%, 0%, 58%
CMY	0.2706, 0.9999, 0.4196
CMYK	0.00, 1.00, 0.20, 0.27
HSL	312°, 100%, 36%
HSV	312°, 100%, 73%
XYZ	25.5950, 12.5772, 29.0956
YIQ	72.4860, 63.3480, 85.4600

Conversions

Conversions Part 2

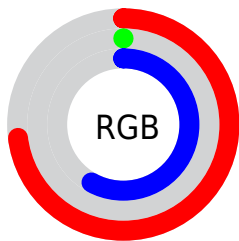
Format	Color
R_{YB}	186, 0, 148
Decimal	12189844
CIE _{Lab}	42.12, 72.37, -28.62
CIE _{LCh}	42, 77.819, 338.425
Yxy	12.5772, 0.3805, 0.1870
Android (android.graphics.Color)	4290379924 (0xFFBA0094)
YUV	72.4860, 37.2284, 99.5518
Hunter-Lab	35.4643, 66.7628, -23.8176

Details

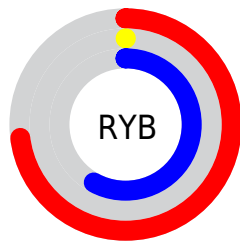
The XYZ color **25.5950, 12.5772, 29.0956** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **17.9096, 35.2583, 7.6975**, and the grayscale version is **6.1760, 6.4976, 7.0759**.

A 20% lighter version of the original color is **51.9945, 30.5127, 59.0262**, and **11.0598, 5.4523, 11.7787** is the 20% darker color. If you saturate the color by 10%, you get **25.5947, 12.5771, 29.0935**, and if you desaturate by 10%, it is **26.1276, 13.1528, 30.7820**.

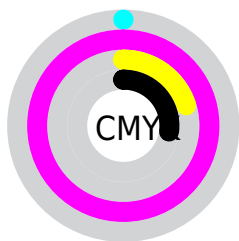
Distribution



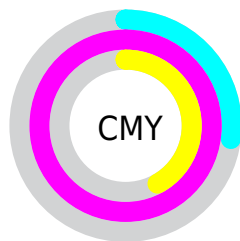
- Red (73%)
- Green (0%)
- Blue (58%)



- Red (73%)
- Yellow (0%)
- Blue (58%)



- Cyan (0%)
- Magenta (100%)
- Yellow (20%)
- Black (27%)




- Cyan (27%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5950, 12.5772, 29.0956 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 25.5950, 12.5772, 29.0956 by changing the saturation by 10% instead.

 25.5950, 12.5772,
29.0956


 25.5950, 12.5772,
29.0956


273.0816,
208.1899, 311.7408


 16.6520, 7.1381,
18.9070


 52.0568, 30.5421,
59.2729

 10.0804, 3.5486,
11.4269


 70.3064, 43.8366,
80.0987


 5.5150, 1.4244,
6.2370

 92.3888, 60.5184,
105.3073

 2.5903, 0.2346,
2.9186

 118.6694, 80.9718,
135.3172

 0.9410, 0.0000,
1.0532

 149.5137,
105.5813, 170.5469

 0.0000, 0.0000,
0.0000

 185.2869,

134.7312, 211.4151

226.3544,
168.8060, 258.3402

■ 25.5950, 12.5772,
29.0956

■ 25.5950, 12.5772,
29.0956

■ 25.5947, 12.5771,
29.0935

■ 26.1276, 13.1528,
30.7820

■ 26.8855, 14.1632,
32.5926

■ 27.9485, 15.7679,
34.5545

■ 29.3562, 18.0454,
36.6814

■ 31.1418, 21.0626,
38.9848

■ 33.3348, 24.8780,
41.4750

■ 35.9616, 29.5443,
44.1611

■ 39.0464, 35.1098,
47.0517

■ 42.6115, 41.6190,
50.1547

Harmonies

Analogous

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



20.3006, 12.5772, 56.9807



25.5950, 12.5772, 29.0956



26.7076, 12.5772, 9.5314

Triad

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



25.5950, 12.5772, 29.0956



10.3951, 12.5772, 0.0000



5.1783, 12.5772, 44.6334

Complementary

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



25.5950, 12.5772, 29.0956



17.9096, 35.2583, 7.6975

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.



3.9736, 12.5772, 18.9213



25.5950, 12.5772, 29.0956



6.2812, 12.5772, 0.8148

Square

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



25.5950, 12.5772, 29.0956



16.5365, 12.5772, 0.0176



4.2989, 12.5772, 4.9938



8.3079, 12.5772, 69.9497

Rectangle

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



25.5950, 12.5772, 29.0956



24.6718, 12.5772, 3.4296



4.2989, 12.5772, 4.9938



4.5897, 12.5772, 35.1878

Sweetspot

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



25.5954, 12.5779, 29.0958



64.9195, 53.0801, 79.7869



9.6342, 3.9432, 46.7080



13.8341, 10.8647, 17.1080



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.



25.5954, 12.5779, 29.0958



46.3017, 22.7607, 52.2594



20.9595, 10.7235, 4.6833



9.3002, 9.1304, 10.9281



17.2467, 8.4724, 19.7178



0.6282, 0.3067, 0.8014

Inverse Universe

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



25.5954, 12.5779, 29.0958



46.3017, 22.7607, 52.2594



21.6026, 36.7355, 27.1445



9.3002, 9.1304, 10.9281



17.2467, 8.4724, 19.7178



0.6282, 0.3067, 0.8014

Previews

White Background



This preview shows how the XYZ color 25.5950, 12.5772, 29.0956 looks on a white background.

Color Contrast Check

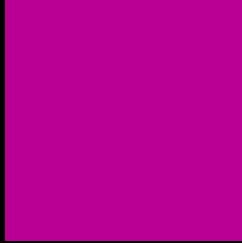
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5950, 12.5772, 29.0956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

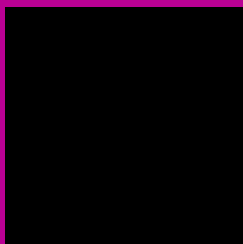
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.5950, 12.5772, 29.0956

Background



This preview shows how black text looks on a background with the XYZ color 25.5950, 12.5772, 29.0956.



This preview shows how white text looks on a background with the XYZ color 25.5950, 12.5772,

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

25.5950, 12.5772, 29.0956

Protanopia

15.8763, 13.3388, 62.0595

Deuteranopia

13.5318, 13.2026, 26.2612



Tritanopia

20.9458, 12.9467, 5.8099

Trichromacy



Original Color

25.5950, 12.5772, 29.0956



Protanomaly

13.0762, 8.2620, 47.9193



Deuteranomaly

15.3201, 10.0554, 26.7246



Tritanomaly

21.9288, 12.0585, 11.5277

Monochromacy



Original Color

25.5950, 12.5772, 29.0956



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.2167, 6.4515, 12.7634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5950, 12.5772, 29.0956 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(186, 0, 148)` looks like.

```
.text, #text, p{  
    color:rgb(186, 0, 148)  
}
```

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(186, 0, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 0, 148) }
```

Border

The CSS property to change the border of an element to XYZ 25.5950, 12.5772, 29.0956 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(186, 0, 148) }
```


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

```
.border{ border-color:rgb(186, 0, 148) }
```

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

Here you see how a box with a 4 pixel rgb(186, 0, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 0, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 0, 148);  
box-shadow:4px 4px 4px 4px rgb(186, 0,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5950, 12.5772, 29.0956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 0, 148) }
```

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

```
.background{ background-color: rgb(186, 0,  
148) }
```

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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