

Converting Colors

XYZ(9.7378, 5.0881, 25.6685)

Have a look what the booklet for
XYZ(9.7378, 5.0881, 25.6685)
contains.

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Color

**XYZ(9.7372, 5.0808,
25.6668)**

Conversions

Conversions Part 1

Format	Color
Hex	5D1C8D
RGB	93, 28, 141
RGB Percent	36%, 11%, 55%
CMY	0.6353, 0.8902, 0.4471
CMYK	0.34, 0.80, 0.00, 0.45
HSL	275°, 67%, 33%
HSV	275°, 80%, 55%
XYZ	9.7372, 5.0808, 25.6668
YIQ	60.3170, 2.4670, 48.9230

Conversions

Conversions Part 2

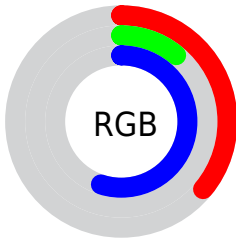
Format	Color
R_{YB}	93, 28, 141
Decimal	6102157
CIE _{Lab}	26.96, 48.77, -49.47
CIE _{LCh}	27, 69.468, 314.589
Yxy	5.0808, 0.2405, 0.1255
Android (android.graphics.Color)	4284292237 (0xFF5D1C8D)
YUV	60.3170, 39.7767, 28.6630
Hunter-Lab	22.5406, 37.6631, -51.7345

Details

The XYZ color **9.7372, 5.0808, 25.6668** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **12.7151, 20.6702, 4.4183**, and the grayscale version is **4.2855, 4.5087, 4.9099**.

A 20% lighter version of the original color is **25.0452, 16.0187, 53.9965**, and **2.6448, 1.1503, 9.7555** is the 20% darker color. If you saturate the color by 10%, you get **8.8951, 4.2614, 25.5531**, and if you desaturate by 10%, it is **10.7840, 6.2384, 25.8352**.

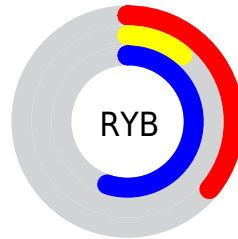
Distribution



Red (36%)

Green (11%)

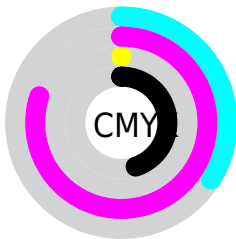
Blue (55%)



Red (36%)

Yellow (11%)

Blue (55%)

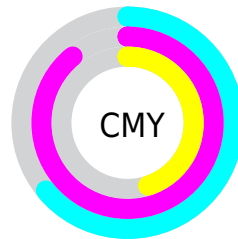


Cyan (34%)

Magenta (80%)

Yellow (0%)

Black (45%)



Cyan (64%)

Magenta (89%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.7372, 5.0808, 25.6668 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 9.7372, 5.0808, 25.6668 by changing the saturation by 10% instead.

9.7372, 5.0808,
25.6668

9.7372, 5.0808,
25.6668

182.8791,
150.6002, 294.6958

5.2860, 2.2947,
16.3510

24.9542, 15.9918,
53.7144

2.4525, 0.7709,
9.6158

36.4507, 24.8855,
73.2833

0.8714, 0.0000,
5.0427

51.0263, 36.5840,
97.1069

0.0000, 0.0000,
2.2132

69.0465, 51.4715,
125.6039

0.0000, 0.0000,
0.6820

90.8765, 69.9325,
159.1927

0.0000, 0.0000,
0.0000

116.8817, 92.3513,

198.2920

147.4274,
119.1125, 243.3202

9.7372, 5.0808,
25.6668

9.7372, 5.0808,
25.6668

8.8951, 4.2614,
25.5531

10.7840, 6.2384,
25.8352

8.2103, 3.6772,
25.4765

12.0552, 7.7732,
26.0644

13.5686, 9.7189,
26.3602

15.3400, 12.1054,
26.7275

17.3836, 14.9599,
27.1708

■ 19.7124, 18.3070,
27.6941

■ 22.3386, 22.1699,
28.3013

■ 25.2738, 26.5700,
28.9959

■ 28.5285, 31.5276,
29.7812

Harmonies

Analogous

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



6.3315, 5.0808, 38.3998



9.7372, 5.0808, 25.6668



12.1913, 5.0808, 10.7844

Triad

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



9.7372, 5.0808, 25.6668



6.4220, 5.0808, 0.0000



1.2481, 5.0808, 10.4516

Complementary

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



9.7372, 5.0808, 25.6668



12.7151, 20.6702, 4.4183

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.



1.2563, 5.0808, 2.3413



9.7372, 5.0808, 25.6668



3.5855, 5.0808, 0.0000

Square

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



9.7372, 5.0808, 25.6668



9.8254, 5.0808, 0.0000



1.9305, 5.0808, 0.0000



1.9008, 5.0808, 25.2305

Rectangle

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



9.7372, 5.0808, 25.6668



12.5243, 5.0808, 4.3779



1.9305, 5.0808, 0.0000



1.1851, 5.0808, 6.8733

Sweetspot

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



9.7375, 5.0810, 25.6669



33.4130, 30.0516, 49.1674



7.9383, 7.4733, 26.2235



7.1735, 6.2972, 10.9168



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



9.7375, 5.0810, 25.6669



14.9633, 6.8376, 45.6590



15.6659, 8.1998, 23.1169



5.4079, 5.3985, 6.7857



7.5046, 3.3623, 23.2305



0.0970, 0.0452, 0.2233

Inverse Universe

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



12.7044, 7.0152, 7.5220



21.2823, 10.9129, 9.0097



10.3153, 19.4213, 4.8371



5.4980, 5.4597, 6.1204



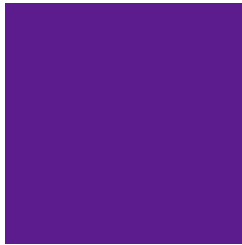
10.7646, 5.4628, 4.4115



0.1136, 0.0565, 0.0982

Previews

White Background



This preview shows how the XYZ color 9.7372, 5.0808, 25.6668 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 ✓ Pass

Black Background



This preview shows how the XYZ color 9.7372, 5.0808, 25.6668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

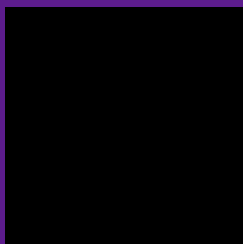
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 9.7372, 5.0808, 25.6668

Background



This preview shows how black text looks on a background with the XYZ color 9.7372, 5.0808, 25.6668.



This preview shows how white text looks on a background with the XYZ color 9.7372, 5.0808,

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

9.7372, 5.0808, 25.6668

Protanopia

5.9424, 5.2210, 22.5243

Deuteranopia

5.0427, 5.1342, 16.9449



Tritanopia

5.7657, 5.2641, 5.5627

Trichromacy



Original Color

9.7372, 5.0808, 25.6668



Protanomaly

6.1735, 4.3706, 23.4399



Deuteranomaly

5.5258, 4.2513, 19.5981



Tritanomaly

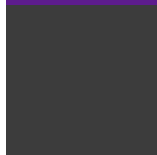
6.6449, 4.7714, 10.6960

Monochromacy



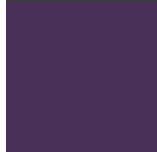
Original Color

9.7372, 5.0808, 25.6668



Achromatopsia

4.2949, 4.5186, 4.9208



Achromatomaly

5.5326, 4.2129, 9.9728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.7372, 5.0808, 25.6668 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(93, 28, 141)` looks like.

```
.text, #text, p{  
    color:rgb(93, 28, 141)  
}
```

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(93, 28, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 28, 141) }
```

Border

The CSS property to change the border of an element to XYZ 9.7372, 5.0808, 25.6668 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(93, 28, 141) }
```


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

```
.border{ border-color:rgb(93, 28, 141) }
```

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

Here you see how a box with a 4 pixel rgb(93, 28, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 28, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 28, 141);  
box-shadow:4px 4px 4px 4px rgb(93, 28,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 9.7372, 5.0808, 25.6668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 28, 141) }
```

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

```
.background{ background-color: rgb(93, 28,  
141) }
```

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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