

Converting Colors

XYZ(16.7798, 10.2602, 25.5238)

Have a look what the booklet for
XYZ(16.7798, 10.2602, 25.5238)
contains.

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Color

**XYZ(16.7708, 10.2793,
25.5263)**

Conversions

Conversions Part 1

Format	Color
Hex	8B398B
RGB	139, 57, 139
RGB Percent	55%, 22%, 55%
CMY	0.4549, 0.7765, 0.4549
CMYK	0.00, 0.59, 0.00, 0.45
HSL	300°, 42%, 38%
HSV	300°, 59%, 55%
XYZ	16.7708, 10.2793, 25.5263
YIQ	90.8660, 22.5500, 42.8860

Conversions

Conversions Part 2

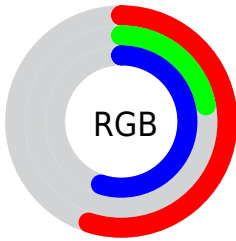
Format	Color
R_{YB}	139, 57, 139
Decimal	9124235
CIE Lab	38.34, 46.22, -29.63
CIE LCh	38, 54.905, 327.335
Yxy	10.2793, 0.3190, 0.1955
Android (android.graphics.Color)	4287314315 (0xFF8B398B)
YUV	90.8660, 23.7301, 42.2135
Hunter-Lab	32.0613, 37.2633, -24.7620

Details

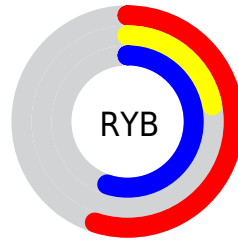
The XYZ color **16.7708, 10.2793, 25.5263** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **11.6589, 19.6309, 7.0461**, and the grayscale version is **9.8582, 10.3716, 11.2947**.

A 20% lighter version of the original color is **37.6000, 26.3896, 53.5641**, and **5.5992, 2.6830, 9.4553** is the 20% darker color. If you saturate the color by 10%, you get **16.1755, 9.0884, 25.3279**, and if you desaturate by 10%, it is **17.5550, 11.8474, 25.7878**.

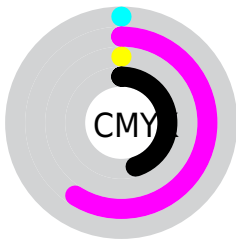
Distribution



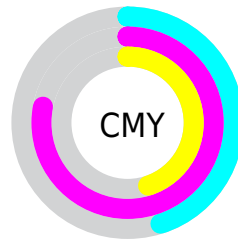
- Red (55%)
- Green (22%)
- Blue (55%)



- Red (55%)
- Yellow (22%)
- Blue (55%)



- Cyan (0%)
- Magenta (59%)
- Yellow (0%)
- Black (45%)



- Cyan (45%)
- Magenta (78%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7708, 10.2793, 25.5263 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 16.7708, 10.2793, 25.5263 by changing the saturation by 10% instead.

■ 16.7708, 10.2793,
25.5263

■ 16.7708, 10.2793,
25.5263

■ 227.0302,
192.6540, 293.9800

■ 10.1655, 5.5845,
16.2470

■ 37.4780, 26.3195,
53.4844

■ 5.5719, 2.5941,
9.5429

■ 52.3107, 38.4338,
73.0004

■ 2.6247, 0.9237,
4.9953

■ 70.6164, 53.7900,
96.7656

■ 0.9586, 0.0000,
2.1858

■ 92.7607, 72.7725,
125.1986

■ 0.0000, 0.0000,
0.6662

■ 119.1089, 95.7658,
158.7181

■ 0.0000, 0.0000,
0.0000

■ 150.0263,

123.1542, 197.7424

185.8783,
155.3222, 242.6902

■ 16.7708, 10.2793,
25.5263

■ 16.7708, 10.2793,
25.5263

■ 16.1755, 9.0884,
25.3279

■ 17.5550, 11.8474,
25.7878

■ 15.7522, 8.2419,
25.1868

■ 18.5410, 13.8193,
26.1165

■ 15.4830, 7.7034,
25.0970

■ 19.7417, 16.2208,
26.5168

■ 15.3231, 7.3836,
25.0437

■ 21.1689, 19.0753,
26.9926

■ 15.3078, 7.3531,
25.0386

■ 22.8334, 22.4041,
27.5474

■ 24.7452, 26.2277,
28.1847

■ 26.9138, 30.5650,
28.9077

■ 29.3483, 35.4340,
29.7192

■ 32.0573, 40.8519,
30.6222

Harmonies

Analogous

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



13.2770, 10.2793, 39.3520



16.7708, 10.2793, 25.5263



18.3661, 10.2793, 12.1325

Triad

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



16.7708, 10.2793, 25.5263



10.0931, 10.2793, 0.7870



4.8494, 10.2793, 22.8778

Complementary

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



16.7708, 10.2793, 25.5263



11.6589, 19.6309, 7.0461

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.



4.3885, 10.2793, 10.3022



16.7708, 10.2793, 25.5263



6.9426, 10.2793, 1.2332

Square

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



16.7708, 10.2793, 25.5263



13.9675, 10.2793, 1.4556



5.0524, 10.2793, 3.5770



6.5112, 10.2793, 37.2741

Rectangle

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



16.7708, 10.2793, 25.5263



17.9060, 10.2793, 6.2936



5.0524, 10.2793, 3.5770



4.5696, 10.2793, 18.1388

Sweetspot

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



16.7712, 10.2798, 25.5265



38.0757, 34.4928, 48.3938



7.8111, 5.6607, 25.1074



8.6085, 7.6179, 11.0961



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.



16.7712, 10.2798, 25.5265



28.6639, 15.6693, 45.2562



14.3157, 9.2976, 12.5959



5.2339, 5.1290, 6.3200



13.8158, 6.6364, 22.5981



0.0918, 0.0441, 0.1501

Inverse Universe

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



16.7712, 10.2798, 25.5265



28.6639, 15.6693, 45.2562



13.1250, 20.2174, 14.7664



5.2339, 5.1290, 6.3200



13.8158, 6.6364, 22.5981



0.0918, 0.0441, 0.1501

Previews

White Background



This preview shows how the XYZ color 16.7708, 10.2793, 25.5263 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 16.7708, 10.2793, 25.5263 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 16.7708, 10.2793, 25.5263

Background



This preview shows how black text looks on a background with the XYZ color 16.7708, 10.2793, 25.5263.



This preview shows how white text looks on a background with the XYZ color 16.7708, 10.2793,

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

16.7708, 10.2793, 25.5263

Protanopia

11.8300, 10.4733, 37.9573

Deuteranopia

10.6375, 10.4223, 23.6413



Tritanopia

13.3758, 10.3676, 8.6933

Trichromacy



Original Color

16.7708, 10.2793, 25.5263

Protanomaly

12.3070, 9.5811, 33.0990

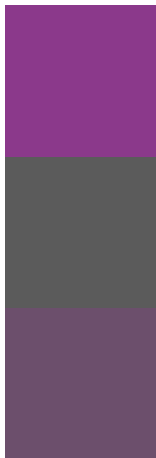
Deuteranomaly

12.0273, 9.7394, 24.1677

Tritanomaly

14.4078, 10.2247, 13.5261

Monochromacy



Original Color

16.7708, 10.2793, 25.5263

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.6871, 9.8628, 15.4751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7708, 10.2793, 25.5263 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(139, 57, 139)` looks like.

```
.text, #text, p{  
    color:rgb(139, 57, 139)  
}
```

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(139, 57, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 57, 139) }
```

Border

The CSS property to change the border of an element to XYZ 16.7708, 10.2793, 25.5263 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(139, 57, 139) }
```


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

```
.border{ border-color:rgb(139, 57, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 57, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 57, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 57, 139);  
box-shadow:4px 4px 4px 4px rgb(139, 57,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7708, 10.2793, 25.5263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 57, 139) }
```

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

```
.background{ background-color: rgb(139, 57,  
139) }
```

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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