

Converting Colors

XYZ(18.4967, 10.5698, 25.5078)

Have a look what the booklet for
XYZ(18.4967, 10.5698, 25.5078)
contains.

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Color

**XYZ(18.4797, 10.5573,
25.4899)**

Conversions

Conversions Part 1

Format	Color
Hex	97308B
RGB	151, 48, 139
RGB Percent	59%, 19%, 55%
CMY	0.4078, 0.8117, 0.4549
CMYK	0.00, 0.68, 0.08, 0.41
HSL	307°, 52%, 39%
HSV	307°, 68%, 59%
XYZ	18.4797, 10.5573, 25.4899
YIQ	89.1710, 32.1770, 50.1370

Conversions

Conversions Part 2

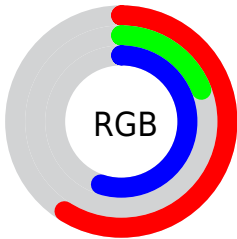
Format	Color
R_{YB}	151, 48, 139
Decimal	9908363
CIE _{Lab}	38.82, 53.35, -28.74
CIE _{LCh}	39, 60.595, 331.689
Yxy	10.5573, 0.3389, 0.1936
Android (android.graphics.Color)	4288098443 (0xFF97308B)
YUV	89.1710, 24.5657, 54.2240
Hunter-Lab	32.4920, 44.6602, -23.7685

Details

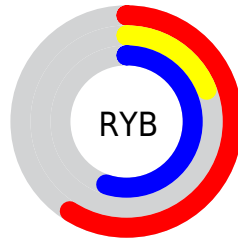
The XYZ color **18.4797, 10.5573, 25.4899** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **13.1017, 23.0884, 8.0417**, and the grayscale version is **9.4762, 9.9697, 10.8570**.

A 20% lighter version of the original color is **40.4883, 26.9606, 53.5220**, and **6.6912, 3.2460, 9.5064** is the 20% darker color. If you saturate the color by 10%, you get **17.8366, 9.4749, 24.6464**, and if you desaturate by 10%, it is **19.3359, 12.0620, 26.4148**.

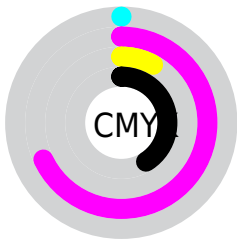
Distribution



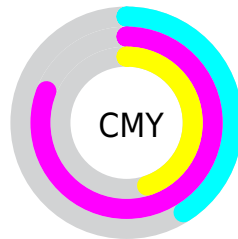
- Red (59%)
- Green (19%)
- Blue (55%)



- Red (59%)
- Yellow (19%)
- Blue (55%)



- Cyan (0%)
- Magenta (68%)
- Yellow (8%)
- Black (41%)




- Cyan (41%)
- Magenta (81%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4797, 10.5573, 25.4899 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 18.4797, 10.5573, 25.4899 by changing the saturation by 10% instead.


 18.4797, 10.5573,
25.4899


 18.4797, 10.5573,
25.4899


236.5548,
194.6046, 293.7943


 11.3967, 5.7700,
16.2201


 40.3767, 26.8386,
53.4248


 6.4036, 2.7057,
9.5240


 55.9215, 39.1014,
72.9270


 3.1350, 0.9801,
4.9831


 75.0176, 54.6247,
96.6771

 1.2255, 0.0000,
2.1788

 98.0303, 73.7931,
125.0935

 0.1264, 0.0000,
0.6621

 125.3250, 96.9909,
158.5950

 0.0000, 0.0000,
0.0000

 157.2671,

124.6025, 197.5999

194.2219,
157.0123, 242.5268

■ 18.4797, 10.5573,
25.4899

■ 18.4797, 10.5573,
25.4899

■ 17.8366, 9.4749,
24.6464

■ 19.3359, 12.0620,
26.4148

■ 17.3830, 8.7686,
23.8762

■ 20.4232, 14.0260,
27.4269

■ 17.0758, 8.3516,
23.1648

■ 21.7593, 16.4839,
28.5322

■ 17.0245, 8.2841,
23.0398

■ 23.3594, 19.4667,
29.7359

■ 25.2378, 23.0027,
31.0428

■ 27.4077, 27.1183,
32.4572

■ 29.8814, 31.8382,
33.9834

■ 32.6705, 37.1855,
35.6253

■ 35.7862, 43.1823,
37.3866

Harmonies

Analogous

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



14.6600, 10.5573, 42.4326



18.4797, 10.5573, 25.4899



19.8966, 10.5573, 10.8558

Triad

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



18.4797, 10.5573, 25.4899



9.8086, 10.5573, 0.4454



4.7951, 10.5573, 27.4575

Complementary

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



18.4797, 10.5573, 25.4899



13.1017, 23.0884, 8.0417

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.



4.1273, 10.5573, 12.1591



18.4797, 10.5573, 25.4899



6.5012, 10.5573, 1.0794

Square

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



18.4797, 10.5573, 25.4899



14.1584, 10.5573, 0.9502



4.6573, 10.5573, 3.8752



6.8007, 10.5573, 44.0080

Rectangle

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



18.4797, 10.5573, 25.4899



19.0517, 10.5573, 5.1079



4.6573, 10.5573, 3.8752



4.4351, 10.5573, 21.7534

Sweetspot

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



18.4801, 10.5578, 25.4901



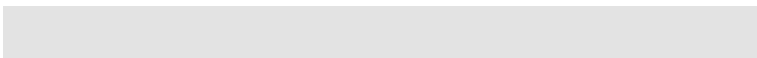
44.4161, 39.7196, 55.0639



8.4058, 5.2574, 29.8504



9.8929, 8.6464, 12.3760



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.4801, 10.5578, 25.4901



31.4621, 16.2030, 43.3733



15.6316, 9.4184, 10.4901



6.4302, 6.3112, 7.6456



14.4897, 7.0501, 19.6356



0.2243, 0.1085, 0.3338

Inverse Universe

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



18.4801, 10.5578, 25.4901



31.4621, 16.2030, 43.3733



15.0897, 23.8835, 18.5102



6.4302, 6.3112, 7.6456



14.4897, 7.0501, 19.6356



0.2243, 0.1085, 0.3338

Previews

White Background



This preview shows how the XYZ color 18.4797, 10.5573, 25.4899 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



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 18.4797, 10.5573, 25.4899

Background



This preview shows how black text looks on a background with the XYZ color 18.4797, 10.5573, 25.4899.



This preview shows how white text looks on a background with the XYZ color 18.4797, 10.5573,

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

18.4797, 10.5573, 25.4899

Protanopia

12.5313, 10.9824, 42.5336

Deuteranopia

10.9665, 10.7259, 23.3221



Tritanopia

14.7713, 10.5446, 7.5601

Trichromacy



Original Color

18.4797, 10.5573, 25.4899

Protanomaly

12.6942, 9.5155, 35.8179

Deuteranomaly

12.5982, 9.7245, 24.1347

Tritanomaly

15.8590, 10.4036, 12.4815

Monochromacy



Original Color

18.4797, 10.5573, 25.4899

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

11.7847, 9.4038, 15.1039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4797, 10.5573, 25.4899 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(151, 48, 139)` looks like.

```
.text, #text, p{  
    color:rgb(151, 48, 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(151, 48, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 48, 139) }
```

Border

The CSS property to change the border of an element to XYZ 18.4797, 10.5573, 25.4899 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(151, 48, 139) }
```


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

```
.border{ border-color:rgb(151, 48, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 48, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 48, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 48, 139);  
box-shadow:4px 4px 4px 4px rgb(151, 48,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4797, 10.5573, 25.4899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 48, 139) }
```

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

```
.background{ background-color: rgb(151, 48,  
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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