

Converting Colors

XYZ(19.2773, 13.2360, 25.9649)

Have a look what the booklet for
XYZ(19.2773, 13.2360, 25.9649)
contains.

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Color

**XYZ(19.2773, 13.2360,
25.9649)**

Conversions

Conversions Part 1

Format	Color
Hex	934C8B
RGB	147, 76, 139
RGB Percent	58%, 30%, 55%
CMY	0.4235, 0.7019, 0.4549
CMYK	0.00, 0.48, 0.05, 0.42
HSL	307°, 32%, 44%
HSV	307°, 48%, 58%
XYZ	19.2773, 13.2360, 25.9649
YIQ	104.4110, 22.0930, 34.6450

Conversions

Conversions Part 2

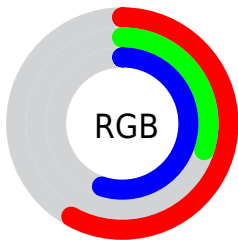
Format	Color
RYB	147, 76, 139
Decimal	9653387
CIELab	43.12, 38.96, -22.10
CIElCh	43, 44.787, 330.435
Yxy	13.2360, 0.3296, 0.2263
Android (android.graphics.Color)	4287843467 (0xFF934C8B)
YUV	104.4110, 17.0524, 37.3506
Hunter-Lab	36.3813, 30.9142, -16.8476

Details

The XYZ color **19.2773, 13.2360, 25.9649** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.0150, 23.0446, 12.0450**, and the grayscale version is **13.2202, 13.9087, 15.1466**.

A 20% lighter version of the original color is **41.5721, 31.5856, 54.3576**, and **6.7887, 3.8397, 9.8345** is the 20% darker color. If you saturate the color by 10%, you get **18.2579, 11.3891, 25.0325**, and if you desaturate by 10%, it is **20.5308, 15.5476, 26.9846**.

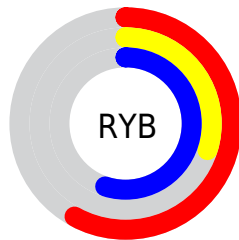
Distribution



Red (58%)

Green (30%)

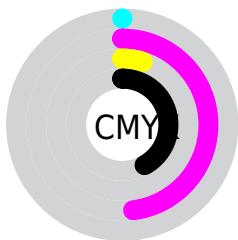
Blue (55%)



Red (58%)

Yellow (30%)

Blue (55%)

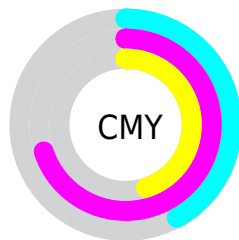


Cyan (0%)

Magenta (48%)

Yellow (5%)

Black (42%)



Cyan (42%)

Magenta (70%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2773, 13.2360, 25.9649 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 19.2773, 13.2360, 25.9649 by changing the saturation by 10% instead.

■ 19.2773, 13.2360,
25.9649

■ 19.2773, 13.2360,
25.9649

240.8842,
212.4247, 296.2097

■ 11.9760, 7.5913,
16.5719

■ 41.7154, 31.7271,
54.2017

■ 6.7994, 3.8345,
9.7710

■ 57.5829, 45.3423,
73.8825

■ 3.3822, 1.5814,
5.1438

■ 77.0366, 62.3831,
97.8297

■ 1.3589, 0.3450,
2.2716

■ 100.4417, 83.2338,
126.4618

■ 0.2267, 0.0000,
0.7153

■ 128.1637,
108.2790, 160.1973

■ 0.0000, 0.0000,
0.0000

160.5679,

137.9029, 199.4547

198.0196,
172.4900, 244.6527

■ 19.2773, 13.2360,
25.9649

■ 19.2773, 13.2360,
25.9649

■ 18.2579, 11.3891,
25.0325

■ 20.5308, 15.5476,
26.9846

■ 17.4553, 9.9733,
24.1813

■ 22.0317, 18.3512,
28.0957

■ 16.8520, 8.9531,
23.4055

■ 23.7935, 21.6738,
29.3030

■ 16.4270, 8.2866,
22.6981

■ 25.8288, 25.5401,
30.6105

■ 16.1376, 7.8885,
22.0447

■ 28.1489, 29.9734,
32.0222

■ 16.0914, 7.8266,
21.9354

■ 30.7648, 34.9952,
33.5418

■ 33.6869, 40.6262,
35.1727

■ 36.9249, 46.8861,
36.9182

■ 40.4882, 53.7936,
38.7815

Harmonies

Analogous

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



16.2488, 13.2360, 37.7816



19.2773, 13.2360, 25.9649



20.4480, 13.2360, 14.2681

Triad

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



19.2773, 13.2360, 25.9649



12.5302, 13.2360, 2.5391



7.6839, 13.2360, 26.3364

Complementary

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



19.2773, 13.2360, 25.9649



15.0150, 23.0446, 12.0450

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.



7.0446, 13.2360, 14.5564



19.2773, 13.2360, 25.9649



9.5104, 13.2360, 3.4537

Square

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



19.2773, 13.2360, 25.9649



16.1456, 13.2360, 3.3983



7.6477, 13.2360, 6.9233



9.5830, 13.2360, 38.0563

Rectangle

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



19.2773, 13.2360, 25.9649



19.8766, 13.2360, 8.7443



7.6477, 13.2360, 6.9233



7.3319, 13.2360, 22.1144

Sweetspot

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



19.2777, 13.2366, 25.9652



44.0116, 41.4710, 53.3937



11.4276, 9.1197, 28.7622



9.8867, 9.1630, 12.0844



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.2777, 13.2366, 25.9652



32.5527, 20.1384, 44.6868



17.1367, 12.3802, 14.6906



6.0075, 5.8981, 7.1454



13.9559, 6.7874, 19.0464



0.1773, 0.0857, 0.2671

Inverse Universe

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



19.2777, 13.2366, 25.9652



32.5527, 20.1384, 44.6868



16.7206, 23.7268, 21.0262



6.0075, 5.8981, 7.1454



13.9559, 6.7874, 19.0464



0.1773, 0.0857, 0.2671

Previews

White Background



This preview shows how the XYZ color 19.2773, 13.2360, 25.9649 looks on a white background.

Color Contrast Check

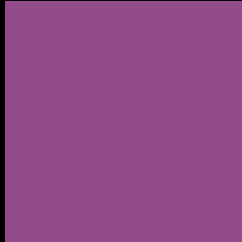
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2773, 13.2360, 25.9649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

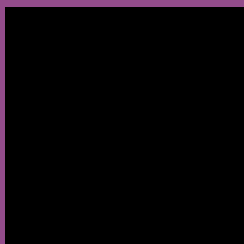
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.2773, 13.2360, 25.9649

Background



This preview shows how black text looks on a background with the XYZ color 19.2773, 13.2360, 25.9649.



This preview shows how white text looks on a background with the XYZ color 19.2773, 13.2360,

25.9649.

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

19.2773, 13.2360, 25.9649

Protanopia

14.2085, 13.3669, 34.6321

Deuteranopia

13.7462, 13.4895, 24.8009



Tritanopia

16.5393, 13.3575, 12.0625

Trichromacy



Original Color

19.2773, 13.2360, 25.9649

Protanomaly

15.2343, 12.7524, 31.3643

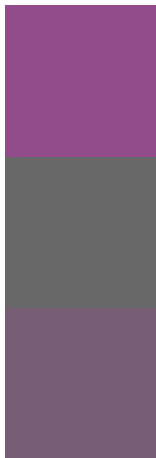
Deuteranomaly

15.2105, 13.0093, 25.0019

Tritanomaly

17.4093, 13.2416, 16.3902

Monochromacy



Original Color

19.2773, 13.2360, 25.9649

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.9593, 13.2828, 18.6050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2773, 13.2360, 25.9649 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(147, 76, 139)` looks like.

```
.text, #text, p{  
    color:rgb(147, 76, 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(147, 76, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 76, 139) }
```

Border

The CSS property to change the border of an element to XYZ 19.2773, 13.2360, 25.9649 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(147, 76, 139) }
```


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

```
.border{ border-color:rgb(147, 76, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 76, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 76, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 76, 139);  
box-shadow:4px 4px 4px 4px rgb(147, 76,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2773, 13.2360, 25.9649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 76, 139) }
```

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

```
.background{ background-color: rgb(147, 76,  
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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