

Converting Colors

XYZ(25.2066, 22.0955, 33.7616)

Have a look what the booklet for
XYZ(25.2066, 22.0955, 33.7616)
contains.

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Color

**XYZ(25.2757, 22.1395,
33.9515)**

Conversions

Conversions Part 1

Format	Color
Hex	97779B
RGB	151, 119, 155
RGB Percent	59%, 47%, 61%
CMY	0.4078, 0.5333, 0.3922
CMYK	0.03, 0.23, 0.00, 0.39
HSL	293°, 15%, 54%
HSV	293°, 23%, 61%
XYZ	25.2757, 22.1395, 33.9515
YIQ	132.6720, 7.5160, 17.9800

Conversions

Conversions Part 2

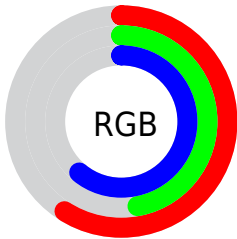
Format	Color
RYB	151, 119, 155
Decimal	9926555
CIELab	54.17, 19.06, -14.63
CIELCh	54, 24.024, 322.482
Yxy	22.1395, 0.3106, 0.2721
Android (android.graphics.Color)	4288116635 (0xFF97779B)
YUV	132.6720, 11.0077, 16.0737
Hunter-Lab	47.0526, 13.5444, -9.8447

Details

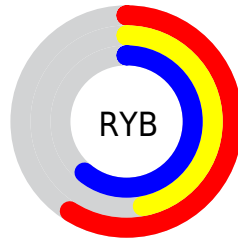
The XYZ color **25.2757, 22.1395, 33.9515** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.2203, 28.9861, 21.8249**, and the grayscale version is **22.1351, 23.2879, 25.3605**.

A 20% lighter version of the original color is **51.5251, 46.8511, 66.6491**, and **9.9444, 8.0891, 14.1339** is the 20% darker color. If you saturate the color by 10%, you get **23.2623, 18.5833, 33.3715**, and if you desaturate by 10%, it is **27.5960, 26.3017, 34.6329**.

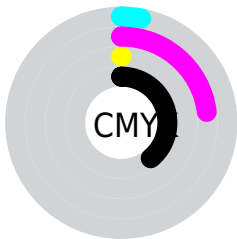
Distribution



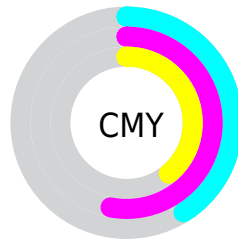
- Red (59%)
- Green (47%)
- Blue (61%)



- Red (59%)
- Yellow (47%)
- Blue (61%)



- Cyan (3%)
- Magenta (23%)
- Yellow (0%)
- Black (39%)



- Cyan (41%)
- Magenta (53%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2757, 22.1395, 33.9515 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 25.2757, 22.1395, 33.9515 by changing the saturation by 10% instead.

■ 25.2757, 22.1395,
33.9515

■ 25.2757, 22.1395,
33.9515

271.5306,
263.2739, 334.6783

■ 16.4124, 13.9594,
22.5793

■ 51.5438, 46.9765,
66.9913

■ 9.9091, 8.0925,
14.0808

■ 69.6793, 64.4021,
89.4959

■ 5.4006, 4.1542,
8.0375

■ 91.6363, 85.6785,
116.5484

■ 2.5213, 1.7602,
4.0308

117.7801,
111.1899, 148.5674

■ 0.9060, 0.4622,
1.6423

148.4761,
141.3207, 185.9713

■ 0.0000, 0.0000,
0.3207

184.0896,

■ 0.0000, 0.0000,

176.4554, 229.1787

0.0000

224.9860,
216.9783, 278.6082

■ 25.2757, 22.1395,
33.9515

■ 25.2757, 22.1395,
33.9515

■ 23.2623, 18.5833,
33.3715

■ 27.5960, 26.3017,
34.6329

■ 21.5391, 15.6012,
32.8867

■ 30.2347, 31.0942,
35.4189

■ 20.0911, 13.1625,
32.4923

■ 33.2054, 36.5436,
36.3142

■ 18.9010, 11.2326,
32.1826

■ 36.5200, 42.6738,
37.3227

■ 17.9493, 9.7728,
31.9510

■ 40.1900, 49.5077,
38.4484

■ 17.2140, 8.7392,
31.7902

■ 44.2263, 57.0673,
39.6948

■ 16.6689, 8.0790,
31.6915

■ 48.6394, 65.3733,
41.0654

■ 16.3611, 7.7510,
31.6444

■ 53.4393, 74.4458,
42.5636

■ 57.5075, 82.0478,
43.8165

Harmonies

Analogous

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



23.0191, 22.1395, 39.9579



25.2757, 22.1395, 33.9515



26.4156, 22.1395, 26.0341

Triad

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



25.2757, 22.1395, 33.9515



21.7058, 22.1395, 12.4884



16.7417, 22.1395, 30.0249

Complementary

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



25.2757, 22.1395, 33.9515



23.2203, 28.9861, 21.8249

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.



16.4531, 22.1395, 22.2758



25.2757, 22.1395, 33.9515



19.1832, 22.1395, 13.1232

Square

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



25.2757, 22.1395, 33.9515



24.2466, 22.1395, 14.4161



17.3112, 22.1395, 16.3759



18.1347, 22.1395, 37.3839

Rectangle

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



25.2757, 22.1395, 33.9515



26.3279, 22.1395, 21.1337



17.3112, 22.1395, 16.3759



16.5172, 22.1395, 27.3450

Sweetspot

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



25.2764, 22.1405, 33.9520



52.2282, 52.1902, 62.8573



20.6329, 20.5051, 33.8811



11.7641, 11.7084, 14.2103



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.2764, 22.1405, 33.9520



43.2807, 36.1290, 60.2287



24.9377, 22.0922, 28.2279



6.3936, 6.2888, 7.8059



13.1610, 6.2358, 25.4177



0.2135, 0.1019, 0.3808

Inverse Universe

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



23.6903, 21.5932, 21.6592



39.9519, 34.9887, 34.0586



23.5497, 29.0531, 26.4854



6.2353, 6.2333, 6.6193



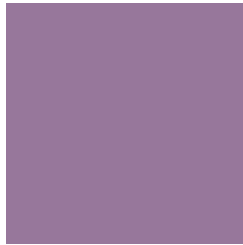
10.9478, 5.6334, 0.9844



0.1701, 0.0868, 0.0485

Previews

White Background



This preview shows how the XYZ color 25.2757, 22.1395, 33.9515 looks on a white background.

Color Contrast Check

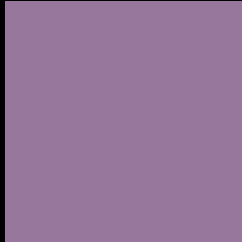
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 25.2757, 22.1395, 33.9515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

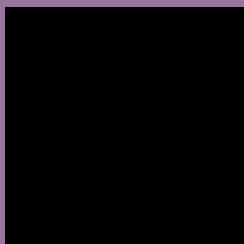
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.2757, 22.1395, 33.9515

Background



This preview shows how black text looks on a background with the XYZ color 25.2757, 22.1395, 33.9515.



This preview shows how white text looks on a background with the XYZ color 25.2757, 22.1395,

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

25.2757, 22.1395, 33.9515

Protanopia

22.2668, 22.1846, 37.2909

Deuteranopia

22.7822, 22.3371, 33.6826



Tritanopia

23.5293, 22.1553, 25.2266

Trichromacy



Original Color

25.2757, 22.1395, 33.9515

Protanomaly

23.2645, 22.1570, 35.8514

Deuteranomaly

23.5216, 22.1517, 33.6078

Tritanomaly

24.1617, 22.2317, 28.2170

Monochromacy



Original Color

25.2757, 22.1395, 33.9515

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.3421, 22.9369, 28.3963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2757, 22.1395, 33.9515 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, 119, 155)` looks like.

```
.text, #text, p{  
    color:rgb(151, 119, 155)  
}
```

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, 119, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 119, 155) }
```

Border

The CSS property to change the border of an element to XYZ 25.2757, 22.1395, 33.9515 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, 119, 155) }
```


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

```
.border{ border-color:rgb(151, 119, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 119, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 119, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 119, 155);  
box-shadow:4px 4px 4px 4px rgb(151, 119,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2757, 22.1395, 33.9515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 119, 155) }
```

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

```
.background{ background-color: rgb(151,  
119, 155) }
```

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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