

Converting Colors

XYZ(25.0821, 22.2579, 32.5190)

Have a look what the booklet for
XYZ(25.0821, 22.2579, 32.5190)
contains.

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Color

**XYZ(25.1465, 22.2792,
32.6807)**

Conversions

Conversions Part 1

Format	Color
Hex	977898
RGB	151, 120, 152
RGB Percent	59%, 47%, 60%
CMY	0.4078, 0.5294, 0.4039
CMYK	0.01, 0.21, 0.00, 0.40
HSL	298°, 13%, 53%
HSV	298°, 21%, 60%
XYZ	25.1465, 22.2792, 32.6807
YIQ	132.9170, 8.2040, 16.5240

Conversions

Conversions Part 2

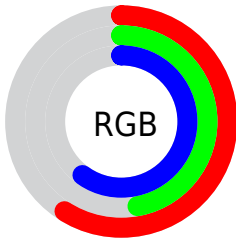
Format	Color
R_{YB}	151, 120, 152
Decimal	9926808
CIE _{Lab}	54.32, 17.87, -12.66
CIE _{LCh}	54, 21.903, 324.680
Yxy	22.2792, 0.3139, 0.2781
Android (android.graphics.Color)	4288116888 (0xFF977898)
YUV	132.9170, 9.4079, 15.8588
Hunter-Lab	47.2008, 12.4953, -8.0103

Details

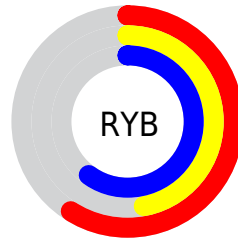
The XYZ color **25.1465, 22.2792, 32.6807** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.5042, 27.8780, 21.9652**, and the grayscale version is **22.2294, 23.3871, 25.4686**.

A 20% lighter version of the original color is **51.3467, 47.0831, 64.7742**, and **9.8577, 8.1554, 13.3665** is the 20% darker color. If you saturate the color by 10%, you get **23.3739, 18.8642, 32.1153**, and if you desaturate by 10%, it is **27.2110, 26.2767, 33.3438**.

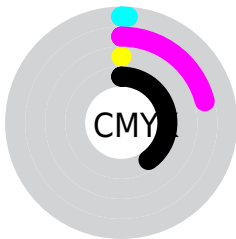
Distribution



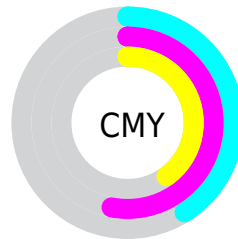
- Red (59%)
- Green (47%)
- Blue (60%)



- Red (59%)
- Yellow (47%)
- Blue (60%)



- Cyan (1%)
- Magenta (21%)
- Yellow (0%)
- Black (40%)



- Cyan (41%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1465, 22.2792, 32.6807 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 25.1465, 22.2792, 32.6807 by changing the saturation by 10% instead.

■ 25.1465, 22.2792,
32.6807

■ 25.1465, 22.2792,
32.6807

270.9009,
264.0009, 328.7963

■ 16.3155, 14.0622,
21.6128

■ 51.3360, 47.2070,
64.9870

■ 9.8400, 8.1639,
13.3771

■ 69.4252, 64.6866,
87.0624

■ 5.3544, 4.2000,
7.5550

■ 91.3312, 86.0226,
113.6442

■ 2.4936, 1.7861,
3.7279

117.4194,
111.5992, 145.1508

■ 0.8920, 0.4785,
1.4773

148.0551,
141.8010, 182.0008

■ 0.0000, 0.0000,
0.2009

183.6037,

■ 0.0000, 0.0000,

177.0122, 224.6126

0.0000

224.4305,
217.6174, 273.4050

■ 25.1465, 22.2792,
32.6807

■ 25.1465, 22.2792,
32.6807

■ 23.3739, 18.8642,
32.1153

■ 27.2110, 26.2767,
33.3438

■ 21.8776, 16.0015,
31.6416

■ 29.5781, 30.8793,
34.1074

■ 20.6434, 13.6626,
31.2552

■ 32.2605, 36.1120,
34.9761

■ 19.6552, 11.8151,
30.9507

■ 35.2695, 41.9975,
35.9535

■ 18.8950, 10.4232,
30.7221

■ 38.6160, 48.5573,
37.0433

■ 18.3426, 9.4463,
30.5626

■ 42.3102, 55.8120,
38.2489

■ 17.9740, 8.8365,
30.4644

■ 46.3620, 63.7814,
39.5736

■ 17.7458, 8.4936,
30.4102

■ 50.7809, 72.4843,
41.0205

■ 54.9977, 80.7827,
42.4000

Harmonies

Analogous

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



23.1509, 22.2792, 38.2727



25.1465, 22.2792, 32.6807



26.0833, 22.2792, 25.4978

Triad

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



25.1465, 22.2792, 32.6807



21.6042, 22.2792, 13.3813



17.2724, 22.2792, 30.1723

Complementary

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



25.1465, 22.2792, 32.6807



22.5042, 27.8780, 21.9652

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.



16.9259, 22.2792, 23.0595



25.1465, 22.2792, 32.6807



19.3162, 22.2792, 14.1658

Square

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



25.1465, 22.2792, 32.6807



23.9422, 22.2792, 15.0346



17.6466, 22.2792, 17.4236



18.6310, 22.2792, 36.6443

Rectangle

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



25.1465, 22.2792, 32.6807



25.9341, 22.2792, 21.0768



17.6466, 22.2792, 17.4236



17.0382, 22.2792, 27.7448

Sweetspot

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



25.1472, 22.2802, 32.6812



50.0229, 50.2527, 59.4969



20.2596, 19.9520, 32.4894



11.3144, 11.3145, 13.5051



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.



25.1472, 22.2802, 32.6812



42.9367, 36.5284, 57.2213



24.1862, 21.9173, 26.6484



6.4421, 6.3138, 7.8081



14.8844, 7.1242, 25.4983



0.2276, 0.1091, 0.3814

Inverse Universe

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



23.1172, 21.4897, 21.0194



38.7392, 34.8953, 33.0419



23.3431, 28.1975, 27.1101



6.2162, 6.2256, 6.5187



10.8814, 5.6068, 0.6345



0.1645, 0.0846, 0.0191

Previews

White Background



This preview shows how the XYZ color 25.1465, 22.2792, 32.6807 looks on a white background.

Color Contrast Check

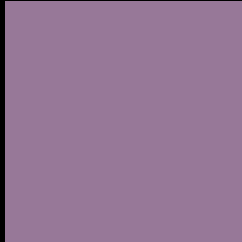
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1465, 22.2792, 32.6807 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 25.1465, 22.2792, 32.6807

Background



This preview shows how black text looks on a background with the XYZ color 25.1465, 22.2792, 32.6807.



This preview shows how white text looks on a background with the XYZ color 25.1465, 22.2792,

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

25.1465, 22.2792, 32.6807

Protanopia

22.3340, 22.4542, 35.5047

Deuteranopia

22.8482, 22.3997, 32.3975



Tritanopia

23.5293, 22.1553, 25.2266

Trichromacy



Original Color

25.1465, 22.2792, 32.6807

Protanomaly

23.2931, 22.3903, 34.5466

Deuteranomaly

23.6088, 22.2251, 32.3237

Tritanomaly

24.0876, 22.2021, 27.8268

Monochromacy



Original Color

25.1465, 22.2792, 32.6807

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.2680, 22.9072, 28.0061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1465, 22.2792, 32.6807 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, 120, 152)` looks like.

```
.text, #text, p{  
    color:rgb(151, 120, 152)  
}
```

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, 120, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 120, 152) }
```

Border

The CSS property to change the border of an element to XYZ 25.1465, 22.2792, 32.6807 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, 120, 152) }
```


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

```
.border{ border-color:rgb(151, 120, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 120, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 120, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 120, 152);  
box-shadow:4px 4px 4px 4px rgb(151, 120,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1465, 22.2792, 32.6807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 120, 152) }
```

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

```
.background{ background-color: rgb(151,  
120, 152) }
```

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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