

Converting Colors

XYZ(25.6777, 23.4579, 31.8624)

Have a look what the booklet for
XYZ(25.6777, 23.4579, 31.8624)
contains.

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Color

**XYZ(25.7875, 23.5446,
32.0396)**

Conversions

Conversions Part 1

Format	Color
Hex	987D96
RGB	152, 125, 150
RGB Percent	60%, 49%, 59%
CMY	0.4039, 0.5098, 0.4118
CMYK	0.00, 0.18, 0.01, 0.40
HSL	304°, 12%, 54%
HSV	304°, 18%, 60%
XYZ	25.7875, 23.5446, 32.0396
YIQ	135.9230, 8.0670, 13.4990

Conversions

Conversions Part 2

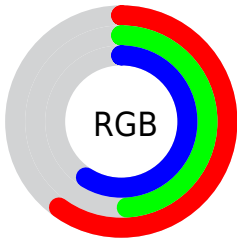
Format	Color
R _Y B	152, 125, 150
Decimal	9993622
CIE Lab	55.63, 14.94, -9.53
CIE LCh	56, 17.722, 327.476
Yxy	23.5446, 0.3169, 0.2893
Android (android.graphics.Color)	4288183702 (0xFF987D96)
YUV	135.9230, 6.9400, 14.0995
Hunter-Lab	48.5228, 9.9492, -5.1833

Details

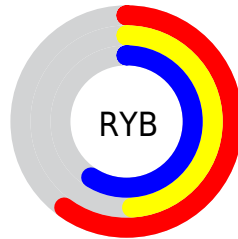
The XYZ color **25.7875, 23.5446, 32.0396** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.5173, 28.3494, 24.3123**, and the grayscale version is **23.3462, 24.5620, 26.7481**.

A 20% lighter version of the original color is **52.2731, 49.3222, 63.8918**, and **10.2034, 8.8364, 12.9722** is the 20% darker color. If you saturate the color by 10%, you get **23.9186, 19.9509, 30.9717**, and if you desaturate by 10%, it is **27.9531, 27.7297, 33.2113**.

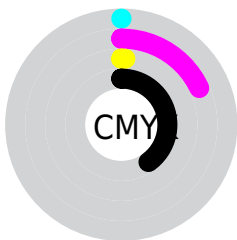
Distribution



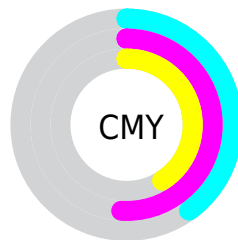
- Red (60%)
- Green (49%)
- Blue (59%)



- Red (60%)
- Yellow (49%)
- Blue (59%)



- Cyan (0%)
- Magenta (18%)
- Yellow (1%)
- Black (40%)



- Cyan (40%)
- Magenta (51%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7875, 23.5446, 32.0396 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 25.7875, 23.5446, 32.0396 by changing the saturation by 10% instead.

■ 25.7875, 23.5446,
32.0396

■ 25.7875, 23.5446,
32.0396

274.0132,
270.5100, 325.7979

■ 16.7966, 14.9962,
21.1267

■ 52.3657, 49.2860,
63.9718

■ 10.1840, 8.8167,
13.0245

■ 70.6837, 67.2478,
85.8281

■ 5.5843, 4.6218,
7.3145

■ 92.8414, 89.1161,
112.1694

■ 2.6322, 2.0271,
3.5781

119.2041,
115.2754, 143.4141

■ 0.9624, 0.6232,
1.3969

150.1374,
146.1100, 179.9807

■ 0.0000, 0.0000,
0.1393

186.0064,

■ 0.0000, 0.0000,

182.0044, 222.2879

0.0000

227.1766,
223.3429, 270.7541

■ 25.7875, 23.5446,
32.0396

■ 25.7875, 23.5446,
32.0396

■ 23.9186, 19.9509,
30.9717

■ 27.9531, 27.7297,
33.2113

■ 22.3310, 16.9188,
30.0015

■ 30.4259, 32.5280,
34.4894

■ 21.0111, 14.4206,
29.1248

■ 33.2184, 37.9643,
35.8784

■ 19.9432, 12.4249,
28.3364

■ 36.3416, 44.0606,
37.3820

■ 19.1099, 10.8973,
27.6305

■ 39.8062, 50.8384,
39.0037

■ 18.4920, 9.7989,
27.0006

■ 43.6223, 58.3178,
40.7470

■ 18.0667, 9.0845,
26.4392

■ 47.7997, 66.5184,
42.6151

■ 17.7932, 8.6722,
25.9325

■ 52.3477, 75.4587,
44.6110

■ 17.7375, 8.5909,
25.8215

■ 55.0661, 80.7383,
46.0015

Harmonies

Analogous

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



24.2039, 23.5446, 36.7274



25.7875, 23.5446, 32.0396



26.4534, 23.5446, 26.1252

Triad

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



25.7875, 23.5446, 32.0396



22.5486, 23.5446, 16.1154



19.1306, 23.5446, 31.0726

Complementary

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



25.7875, 23.5446, 32.0396



23.5173, 28.3494, 24.3123

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.



18.7451, 23.5446, 25.1530



25.7875, 23.5446, 32.0396



20.6471, 23.5446, 17.0381

Square

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



25.7875, 23.5446, 32.0396



24.5150, 23.5446, 17.4110



19.2839, 23.5446, 20.1482



20.3698, 23.5446, 36.1131

Rectangle

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



25.7875, 23.5446, 32.0396



26.2592, 23.5446, 22.4625



19.2839, 23.5446, 20.1482



18.9002, 23.5446, 29.0952

Sweetspot

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



25.7882, 23.5456, 32.0401



50.4483, 51.0937, 59.2028



21.7247, 21.4321, 32.6979



11.4043, 11.4928, 13.4236



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.



25.7882, 23.5456, 32.0401



44.2555, 39.1277, 55.8449



24.7771, 23.1412, 26.7159



6.4415, 6.3157, 7.7049



14.8773, 7.2051, 21.6765



0.2275, 0.1097, 0.3508

Inverse Universe

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



25.7882, 23.5456, 32.0401



44.2555, 39.1277, 55.8449



24.4423, 28.7194, 29.1830



6.4415, 6.3157, 7.7049



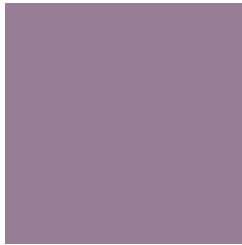
14.8773, 7.2051, 21.6765



0.2275, 0.1097, 0.3508

Previews

White Background



This preview shows how the XYZ color 25.7875, 23.5446, 32.0396 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 25.7875, 23.5446, 32.0396 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 25.7875, 23.5446, 32.0396

Background



This preview shows how black text looks on a background with the XYZ color 25.7875, 23.5446, 32.0396.



This preview shows how white text looks on a background with the XYZ color 25.7875, 23.5446,

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

25.7875, 23.5446, 32.0396

Protanopia

23.2209, 23.5362, 34.3294

Deuteranopia

24.0549, 23.6242, 31.7259



Tritanopia

24.6824, 23.4689, 26.8960

Trichromacy



Original Color

25.7875, 23.5446, 32.0396

Protanomaly

23.9166, 23.3188, 33.3774

Deuteranomaly

24.6456, 23.5376, 31.6780

Tritanomaly

25.1058, 23.4540, 28.7950

Monochromacy



Original Color

25.7875, 23.5446, 32.0396

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.2143, 24.1764, 28.5896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7875, 23.5446, 32.0396 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(152, 125, 150)` looks like.

```
.text, #text, p{  
    color:rgb(152, 125, 150)  
}
```

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(152, 125, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 125, 150) }
```

Border

The CSS property to change the border of an element to XYZ 25.7875, 23.5446, 32.0396 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(152, 125, 150) }
```


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

```
.border{ border-color:rgb(152, 125, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 125, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 125, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 125, 150);  
box-shadow:4px 4px 4px 4px rgb(152, 125,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7875, 23.5446, 32.0396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 125, 150) }
```

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

```
.background{ background-color: rgb(152,  
125, 150) }
```

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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