

Converting Colors

XYZ(22.6944, 18.6638, 25.4058)

Have a look what the booklet for
XYZ(22.6944, 18.6638, 25.4058)
contains.

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Color

**XYZ(22.7512, 18.7224,
25.3363)**

Conversions

Conversions Part 1

Format	Color
Hex	9A6987
RGB	154, 105, 135
RGB Percent	60%, 41%, 53%
CMY	0.3961, 0.5882, 0.4706
CMYK	0.00, 0.32, 0.12, 0.40
HSL	323°, 20%, 51%
HSV	323°, 32%, 60%
XYZ	22.7512, 18.7224, 25.3363
YIQ	123.0710, 19.5740, 19.7180

Conversions

Conversions Part 2

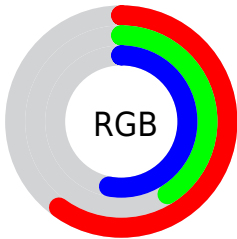
Format	Color
R_{YB}	154, 105, 135
Decimal	10119559
CIE _{Lab}	50.36, 24.41, -8.60
CIE _{LCh}	50, 25.883, 340.594
Yxy	18.7224, 0.3405, 0.2802
Android (android.graphics.Color)	4288309639 (0xFF9A6987)
YUV	123.0710, 5.8810, 27.1247
Hunter-Lab	43.2694, 18.1345, -4.4286

Details

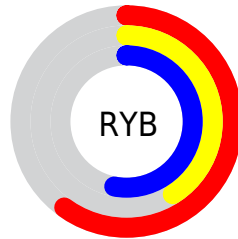
The XYZ color **22.7512, 18.7224, 25.3363** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.0202, 27.5703, 23.2838**, and the grayscale version is **18.8273, 19.8078, 21.5706**.

A 20% lighter version of the original color is **47.4286, 41.3001, 53.0489**, and **8.5823, 6.4069, 9.3786** is the 20% darker color. If you saturate the color by 10%, you get **20.9138, 15.7014, 22.7073**, and if you desaturate by 10%, it is **24.8974, 22.3226, 28.1850**.

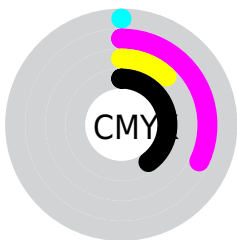
Distribution



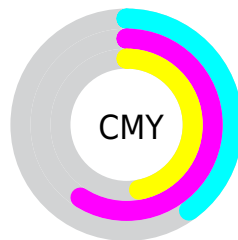
- Red (60%)
- Green (41%)
- Blue (53%)



- Red (60%)
- Yellow (41%)
- Blue (53%)



- Cyan (0%)
- Magenta (32%)
- Yellow (12%)
- Black (40%)



- Cyan (40%)
- Magenta (59%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7512, 18.7224, 25.3363 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 22.7512, 18.7224, 25.3363 by changing the saturation by 10% instead.

■ 22.7512, 18.7224,
25.3363

■ 22.7512, 18.7224,
25.3363

259.0038,
244.9119, 293.0097

■ 14.5296, 11.4699,
16.1065

■ 47.4541, 41.2645,
53.1731

■ 8.5741, 6.3838,
9.4444

■ 64.6662, 57.3228,
72.6173

■ 4.5193, 3.0798,
4.9314

■ 85.6057, 77.0852,
96.3032

■ 1.9999, 1.1736,
2.1490

■ 110.6382,
100.9361, 124.6496

■ 0.6339, 0.0399,
0.6447

140.1288,
129.2598, 158.0749

■ 0.0000, 0.0000,
0.0000

174.4431,

162.4407, 196.9976

213.9463,
200.8633, 241.8364

■ 22.7512, 18.7224,
25.3363

■ 22.7512, 18.7224,
25.3363

■ 20.9138, 15.7014,
22.7073

■ 24.8974, 22.3226,
28.1850

■ 19.3677, 13.2263,
20.2897

■ 27.3652, 26.5280,
31.2590

■ 18.0964, 11.2642,
18.0762

■ 30.1689, 31.3661,
34.5649

■ 17.0807, 9.7775,
16.0586

■ 33.3212, 36.8619,
38.1089

■ 16.2990, 8.7236,
14.2274

■ 36.8342, 43.0391,
41.8966

■ 15.7258, 8.0520,
12.5722

■ 40.7194, 49.9202,
45.9336

■ 15.3597, 7.6833,
11.3297

■ 44.9879, 57.5266,
50.2252

■ 49.6501, 65.8789,
54.7765

■ 54.7163, 74.9968,
59.5926

Harmonies

Analogous

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



21.1271, 18.7224, 32.7985



22.7512, 18.7224, 25.3363



22.9782, 18.7224, 17.9463

Triad

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



22.7512, 18.7224, 25.3363



16.9217, 18.7224, 9.5864



14.3733, 18.7224, 30.7777

Complementary

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



22.7512, 18.7224, 25.3363



21.0202, 27.5703, 23.2838

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.



13.4566, 18.7224, 23.0363



22.7512, 18.7224, 25.3363



14.8332, 18.7224, 11.5816

Square

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



22.7512, 18.7224, 25.3363



19.4488, 18.7224, 9.9230



13.6167, 18.7224, 16.1257



16.2378, 18.7224, 36.4163

Rectangle

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



22.7512, 18.7224, 25.3363



22.2856, 18.7224, 14.1239



13.6167, 18.7224, 16.1257



13.9524, 18.7224, 28.2685

Sweetspot

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



22.7518, 18.7233, 25.3367



50.4915, 49.5307, 57.7253



19.1660, 16.7061, 32.7867



11.2850, 10.9645, 12.8929



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.



22.7518, 18.7233, 25.3367



38.9532, 30.0912, 42.6665



21.2324, 18.1155, 17.3357



6.3596, 6.2830, 7.2740



12.5316, 6.2669, 9.3244



0.2051, 0.1008, 0.2328

Inverse Universe

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



22.7518, 18.7233, 25.3367



38.9532, 30.0912, 42.6665



22.7497, 28.2621, 32.3913



6.3596, 6.2830, 7.2740



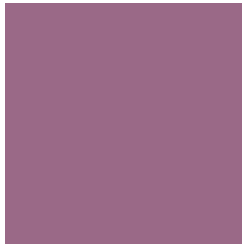
12.5316, 6.2669, 9.3244



0.2051, 0.1008, 0.2328

Previews

White Background



This preview shows how the XYZ color 22.7512, 18.7224, 25.3363 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 22.7512, 18.7224, 25.3363 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 22.7512, 18.7224, 25.3363

Background



This preview shows how black text looks on a background with the XYZ color 22.7512, 18.7224, 25.3363.



This preview shows how white text looks on a background with the XYZ color 22.7512, 18.7224,

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

22.7512, 18.7224, 25.3363

Protanopia

18.7011, 18.8521, 29.0387

Deuteranopia

19.1991, 18.8517, 24.8171



Tritanopia

21.5223, 18.6849, 19.3018

Trichromacy



Original Color

22.7512, 18.7224, 25.3363

Protanomaly

19.8783, 18.6248, 27.7466

Deuteranomaly

20.3615, 18.7657, 25.1032

Tritanomaly

22.0327, 18.7429, 21.5253

Monochromacy



Original Color

22.7512, 18.7224, 25.3363

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.9077, 19.0914, 22.7144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7512, 18.7224, 25.3363 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(154, 105, 135)` looks like.

```
.text, #text, p{  
    color:rgb(154, 105, 135)  
}
```

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(154, 105, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 105, 135) }
```

Border

The CSS property to change the border of an element to XYZ 22.7512, 18.7224, 25.3363 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(154, 105, 135) }
```


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

```
.border{ border-color:rgb(154, 105, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 105, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 105, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 105, 135);  
box-shadow:4px 4px 4px 4px rgb(154, 105,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7512, 18.7224, 25.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 105, 135) }
```

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

```
.background{ background-color: rgb(154,  
105, 135) }
```

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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