

Converting Colors

XYZ(22.4741, 20.7547, 25.5649)

Have a look what the booklet for
XYZ(22.4741, 20.7547, 25.5649)
contains.

XYZ(22.5287, 20.7259, 25.7348)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.5287, 20.7259,
25.7348)**

Conversions

Conversions Part 1

Format	Color
Hex	917687
RGB	145, 118, 135
RGB Percent	57%, 46%, 53%
CMY	0.4314, 0.5372, 0.4706
CMYK	0.00, 0.19, 0.07, 0.43
HSL	322°, 11%, 52%
HSV	322°, 19%, 57%
XYZ	22.5287, 20.7259, 25.7348
YIQ	128.0110, 10.6350, 11.0110

Conversions

Conversions Part 2

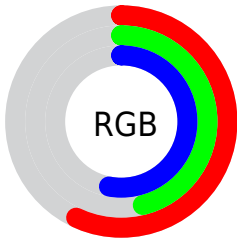
Format	Color
R_{YB}	145, 118, 135
Decimal	9533063
CIE Lab	52.65, 13.54, -5.30
CIE LCh	53, 14.537, 338.628
Yxy	20.7259, 0.3266, 0.3004
Android (android.graphics.Color)	4287723143 (0xFF917687)
YUV	128.0110, 3.4456, 14.8994
Hunter-Lab	45.5257, 8.6619, -1.6475

Details

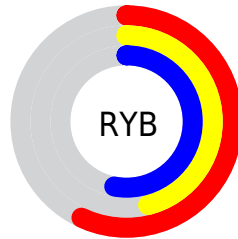
The XYZ color **22.5287, 20.7259, 25.7348** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.4938, 25.6615, 24.2436**, and the grayscale version is **20.5080, 21.5760, 23.4963**.

A 20% lighter version of the original color is **47.0050, 44.5224, 53.6932**, and **8.4459, 7.4159, 9.5806** is the 20% darker color. If you saturate the color by 10%, you get **20.5822, 17.4226, 23.2672**, and if you desaturate by 10%, it is **24.7580, 24.5637, 28.3913**.

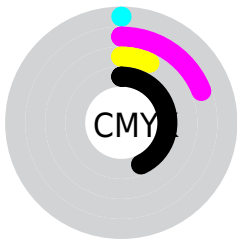
Distribution



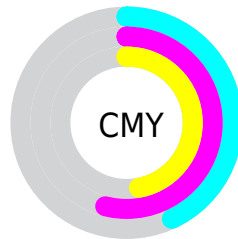
- Red (57%)
- Green (46%)
- Blue (53%)



- Red (57%)
- Yellow (46%)
- Blue (53%)



- Cyan (0%)
- Magenta (19%)
- Yellow (7%)
- Black (43%)



- Cyan (43%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5287, 20.7259, 25.7348 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 22.5287, 20.7259, 25.7348 by changing the saturation by 10% instead.

■ 22.5287, 20.7259,
25.7348

■ 22.5287, 20.7259,
25.7348

257.8758,
255.8182, 295.0417

■ 14.3647, 12.9238,
16.4014

■ 47.0907, 44.6309,
53.8256

■ 8.4581, 7.3761,
9.6512

■ 64.2193, 61.5026,
73.4201

■ 4.4437, 3.6984,
5.0657

■ 85.0669, 82.1663,
97.2720

■ 1.9561, 1.5063,
2.2265

109.9987,
107.0063, 125.7998

■ 0.6091, 0.2932,
0.6896

139.3801,
136.4071, 159.4222

■ 0.0000, 0.0000,
0.0000

173.5765,

170.7531, 198.5576

212.9533,
210.4287, 243.6246

■ 22.5287, 20.7259,
25.7348

■ 22.5287, 20.7259,
25.7348

■ 20.5822, 17.4226,
23.2672

■ 24.7580, 24.5637,
28.3913

■ 18.9044, 14.6269,
20.9817

■ 27.2798, 28.9557,
31.2406

■ 17.4828, 12.3141,
18.8729

■ 30.1055, 33.9241,
34.2879

■ 16.3031, 10.4558,
16.9347

■ 33.2452, 39.4888,
37.5380

■ 15.3495, 9.0210,
15.1604

■ 36.7088, 45.6690,
40.9954

■ 14.6042, 7.9747,
13.5424

■ 40.5055, 52.4828,
44.6645

■ 14.0466, 7.2761,
12.0724

■ 44.6444, 59.9479,
48.5494

■ 13.6322, 6.8366,
10.7339

■ 49.1340, 68.0810,
52.6542

■ 13.5781, 6.7802,
10.5566

■ 53.9825, 76.8982,
56.9829

Harmonies

Analogous

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



21.5680, 20.7259, 29.7061



22.5287, 20.7259, 25.7348



22.7116, 20.7259, 21.3423

Triad

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



22.5287, 20.7259, 25.7348



19.2670, 20.7259, 15.3038



17.5171, 20.7259, 28.1660

Complementary

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



22.5287, 20.7259, 25.7348



21.4938, 25.6615, 24.2436

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.



16.9660, 20.7259, 23.8376



22.5287, 20.7259, 25.7348



17.9419, 20.7259, 16.6744

Square

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



22.5287, 20.7259, 25.7348



20.7764, 20.7259, 15.6755



17.1174, 20.7259, 19.6704



18.6601, 20.7259, 31.2298

Rectangle

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



22.5287, 20.7259, 25.7348



22.3593, 20.7259, 18.8128



17.1174, 20.7259, 19.6704



17.2592, 20.7259, 26.7901

Sweetspot

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



22.5293, 20.7268, 25.7352



45.4137, 45.8563, 52.0837



20.4772, 19.5837, 29.4892



10.0485, 10.1070, 11.5244



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.5293, 20.7268, 25.7352



38.9487, 34.7355, 44.3510



21.6444, 20.3728, 21.0753



5.5427, 5.4776, 6.3556



11.6591, 5.8206, 9.1219



0.1221, 0.0599, 0.1434

Inverse Universe

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



22.5293, 20.7268, 25.7352



38.9487, 34.7355, 44.3510



22.4349, 26.0379, 29.1995



5.5427, 5.4776, 6.3556



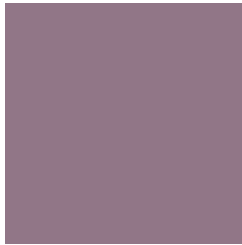
11.6591, 5.8206, 9.1219



0.1221, 0.0599, 0.1434

Previews

White Background



This preview shows how the XYZ color 22.5287, 20.7259, 25.7348 looks on a white background.

Color Contrast Check

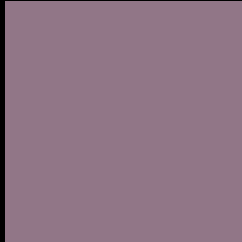
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5287, 20.7259, 25.7348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

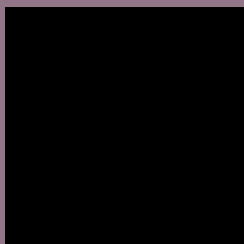
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5287, 20.7259, 25.7348

Background



This preview shows how black text looks on a background with the XYZ color 22.5287, 20.7259, 25.7348.



This preview shows how white text looks on a background with the XYZ color 22.5287, 20.7259,

25.7348.

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

22.5287, 20.7259, 25.7348

Protanopia

20.3060, 20.8164, 27.3738

Deuteranopia

21.0941, 20.7086, 25.4396



Tritanopia

21.9947, 20.6815, 23.2547

Trichromacy



Original Color

22.5287, 20.7259, 25.7348

Protanomaly

21.0627, 20.6596, 26.9223

Deuteranomaly

21.6217, 20.7992, 25.4293

Tritanomaly

22.1952, 20.7616, 24.3103

Monochromacy



Original Color

22.5287, 20.7259, 25.7348

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.1359, 21.1223, 24.4358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5287, 20.7259, 25.7348 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(145, 118, 135)` looks like.

```
.text, #text, p{  
    color:rgb(145, 118, 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(145, 118, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 118, 135) }
```

Border

The CSS property to change the border of an element to XYZ 22.5287, 20.7259, 25.7348 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(145, 118, 135) }
```


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

```
.border{ border-color:rgb(145, 118, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 118, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 118, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 118, 135);  
box-shadow:4px 4px 4px 4px rgb(145, 118,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5287, 20.7259, 25.7348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 118, 135) }
```

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

```
.background{ background-color: rgb(145,  
118, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor