

Converting Colors

XYZ(22.4733, 20.7831, 25.0835)

Have a look what the booklet for
XYZ(22.4733, 20.7831, 25.0835)
contains.

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Color

**XYZ(22.3891, 20.6701,
25.0000)**

Conversions

Conversions Part 1

Format	Color
Hex	917685
RGB	145, 118, 133
RGB Percent	57%, 46%, 52%
CMY	0.4314, 0.5372, 0.4784
CMYK	0.00, 0.19, 0.08, 0.43
HSL	327°, 11%, 52%
HSV	327°, 19%, 57%
XYZ	22.3891, 20.6701, 25.0000
YIQ	127.7830, 11.2770, 10.3890

Conversions

Conversions Part 2

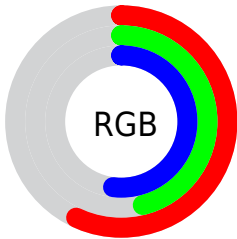
Format	Color
R_{YB}	145, 118, 133
Decimal	9533061
CIE _{Lab}	52.59, 13.16, -4.22
CIE _{LCh}	53, 13.821, 342.242
Yxy	20.6701, 0.3290, 0.3037
Android (android.graphics.Color)	4287723141 (0xFF917685)
YUV	127.7830, 2.5720, 15.0993
Hunter-Lab	45.4644, 8.3403, -0.7774

Details

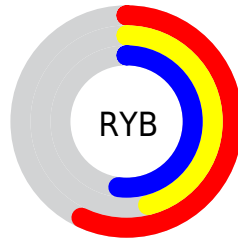
The XYZ color **22.3891, 20.6701, 25.0000** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.6267, 25.7145, 24.9438**, and the grayscale version is **20.4318, 21.4959, 23.4090**.

A 20% lighter version of the original color is **46.7908, 44.4367, 52.5654**, and **8.4065, 7.4001, 9.3728** is the 20% darker color. If you saturate the color by 10%, you get **20.3795, 17.3415, 22.2004**, and if you desaturate by 10%, it is **24.6897, 24.5364, 28.0320**.

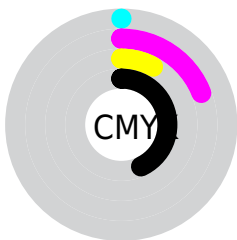
Distribution



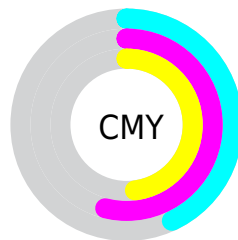
- Red (57%)
- Green (46%)
- Blue (52%)



- Red (57%)
- Yellow (46%)
- Blue (52%)



- Cyan (0%)
- Magenta (19%)
- Yellow (8%)
- Black (43%)



- Cyan (43%)
- Magenta (54%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3891, 20.6701, 25.0000 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 22.3891, 20.6701, 25.0000 by changing the saturation by 10% instead.

■ 22.3891, 20.6701,
25.0000

■ 22.3891, 20.6701,
25.0000

257.1659,
255.5200, 291.2856

■ 14.2613, 12.8831,
15.8580

■ 46.8623, 44.5378,
52.6213

■ 8.3855, 7.3481,
9.2705

■ 63.9385, 61.3873,
71.9378

■ 4.3965, 3.6807,
4.8188

■ 84.7281, 82.0265,
95.4828

■ 1.9288, 1.4966,
2.0845

109.5966,
106.8396, 123.6750

■ 0.5935, 0.2863,
0.6065

138.9092,
136.2111, 156.9328

■ 0.0000, 0.0000,
0.0000

173.0314,

170.5254, 195.6748

212.3285,
210.1669, 240.3196

■ 22.3891, 20.6701,
25.0000

■ 22.3891, 20.6701,
25.0000

■ 20.3795, 17.3415,
22.2004

■ 24.6897, 24.5364,
28.0320

■ 18.6467, 14.5239,
19.6252

■ 27.2913, 28.9603,
31.3012

■ 17.1779, 12.1922,
17.2679

■ 30.2053, 33.9640,
34.8140

■ 15.9586, 10.3181,
15.1213

■ 33.4422, 39.5676,
38.5760

■ 14.9728, 8.8704,
13.1774

■ 37.0121, 45.7902,
42.5929

■ 14.2025, 7.8140,
11.4273

■ 40.9242, 52.6503,
46.8699

■ 13.6267, 7.1081,
9.8615

■ 45.1879, 60.1653,
51.4120

■ 13.2006, 6.6640,
8.4620

■ 49.8118, 68.3520,
56.2243

■ 13.1455, 6.6071,
8.2788

■ 54.8044, 77.2269,
61.3116

Harmonies

Analogous

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



21.5576, 20.6701, 28.8686



22.3891, 20.6701, 25.0000



22.4641, 20.6701, 20.8741

Triad

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



22.3891, 20.6701, 25.0000



19.0678, 20.6701, 15.6414



17.6762, 20.6701, 28.2392

Complementary

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



22.3891, 20.6701, 25.0000



21.6267, 25.7145, 24.9438

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.



17.0746, 20.6701, 24.2213



22.3891, 20.6701, 25.0000



17.8515, 20.6701, 17.1549

Square

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



22.3891, 20.6701, 25.0000



20.4988, 20.6701, 15.7962



17.1372, 20.6701, 20.1841



18.8178, 20.6701, 30.8894

Rectangle

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



22.3891, 20.6701, 25.0000



22.0703, 20.6701, 18.5532



17.1372, 20.6701, 20.1841



17.4066, 20.6701, 26.9843

Sweetspot

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



22.3897, 20.6710, 25.0004



45.3257, 45.8211, 51.6203



20.7501, 19.7244, 29.5018



10.0272, 10.0985, 11.4122



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.



22.3897, 20.6710, 25.0004



38.6537, 34.6175, 42.7977



21.5343, 20.3288, 20.4957



5.5264, 5.4711, 6.2699



11.2885, 5.6724, 7.1705



0.1190, 0.0587, 0.1271

Inverse Universe

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



22.3897, 20.6710, 25.0004



38.6537, 34.6175, 42.7977



22.5703, 26.0920, 29.9130



5.5264, 5.4711, 6.2699



11.2885, 5.6724, 7.1705



0.1190, 0.0587, 0.1271

Previews

White Background



This preview shows how the XYZ color 22.3891, 20.6701, 25.0000 looks on a white background.

Color Contrast Check

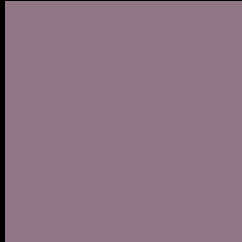
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3891, 20.6701, 25.0000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

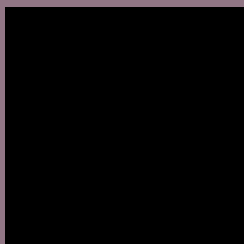
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.3891, 20.6701, 25.0000

Background



This preview shows how black text looks on a background with the XYZ color 22.3891, 20.6701, 25.0000.



This preview shows how white text looks on a background with the XYZ color 22.3891, 20.6701,

25.0000.

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

22.3891, 20.6701, 25.0000

Protanopia

20.3064, 20.8333, 26.6179

Deuteranopia

21.1161, 20.7359, 24.7193



Tritanopia

21.9947, 20.6815, 23.2547

Trichromacy



Original Color

22.3891, 20.6701, 25.0000

Protanomaly

20.9192, 20.6022, 26.1666

Deuteranomaly

21.6497, 20.8297, 24.7093

Tritanomaly

22.1277, 20.7346, 23.9550

Monochromacy



Original Color

22.3891, 20.6701, 25.0000

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.0684, 21.0953, 24.0805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3891, 20.6701, 25.0000 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(145, 118, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 118, 133) }
```

Border

The CSS property to change the border of an element to XYZ 22.3891, 20.6701, 25.0000 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, 133) }
```


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

```
.border{ border-color:rgb(145, 118, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 118, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 118, 133);  
box-shadow:4px 4px 4px 4px rgb(145, 118,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3891, 20.6701, 25.0000 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, 133) }
```

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

```
.background{ background-color: rgb(145,  
118, 133) }
```

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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