

Converting Colors

XYZ(23.4266, 22.3987, 20.2282)

Have a look what the booklet for
XYZ(23.4266, 22.3987, 20.2282)
contains.

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Color

**XYZ(23.4266, 22.3987,
20.2282)**

Conversions

Conversions Part 1

Format	Color
Hex	987C76
RGB	152, 124, 118
RGB Percent	60%, 49%, 46%
CMY	0.4039, 0.5137, 0.5373
CMYK	0.00, 0.18, 0.22, 0.40
HSL	11°, 14%, 53%
HSV	11°, 22%, 60%
XYZ	23.4266, 22.3987, 20.2282
YIQ	131.6880, 18.6140, 4.0700

Conversions

Conversions Part 2

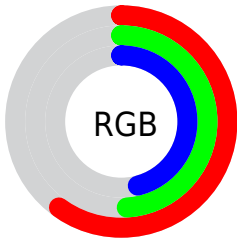
Format	Color
R_{YB}	152, 125, 118
Decimal	9993334
CIE _{Lab}	54.45, 9.84, 7.34
CIE _{LCh}	54, 12.276, 36.726
Yxy	22.3987, 0.3547, 0.3391
Android (android.graphics.Color)	4288183414 (0xFF987C76)
YUV	131.6880, -6.7482, 17.8136
Hunter-Lab	47.3273, 5.5333, 7.7879

Details

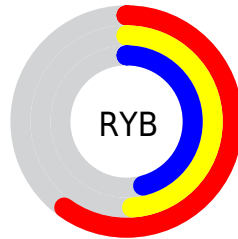
The XYZ color **23.4266, 22.3987, 20.2282** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.4175, 26.6758, 33.6208**, and the grayscale version is **21.8391, 22.9765, 25.0214**.

A 20% lighter version of the original color is **48.7100, 47.6120, 44.6529**, and **8.8771, 8.1837, 6.9061** is the 20% darker color. If you saturate the color by 10%, you get **21.1250, 19.1262, 15.3580**, and if you desaturate by 10%, it is **26.0742, 26.1297, 25.9325**.

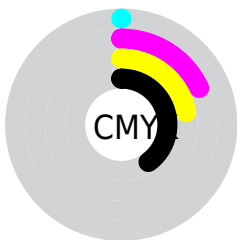
Distribution



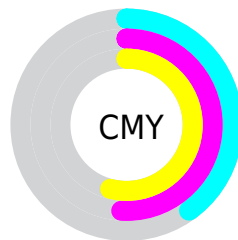
- Red (60%)
- Green (49%)
- Blue (46%)



- Red (60%)
- Yellow (49%)
- Blue (46%)



- Cyan (0%)
- Magenta (18%)
- Yellow (22%)
- Black (40%)



- Cyan (40%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4266, 22.3987, 20.2282 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 23.4266, 22.3987, 20.2282 by changing the saturation by 10% instead.

■ 23.4266, 22.3987,
20.2282

■ 23.4266, 22.3987,
20.2282

262.4032,
264.6214, 265.7928

■ 15.0312, 14.1502,
12.3753

■ 48.5544, 47.4041,
44.6634

■ 8.9278, 8.2252,
6.8742

■ 66.0175, 64.9297,
62.0829

■ 4.7508, 4.2394,
3.3063

■ 87.2340, 86.3165,
83.5282

■ 2.1351, 1.8083,
1.2531

112.5691,
111.9488, 109.4180

■ 0.7082, 0.4924,
0.0229

142.3882,
142.2110, 140.1709

■ 0.0000, 0.0000,
0.0000

177.0567,

177.4876, 176.2053

216.9399,
218.1629, 217.9397

■ 23.4266, 22.3987,
20.2282

■ 23.4266, 22.3987,
20.2282

■ 21.1250, 19.1262,
15.3580

■ 26.0742, 26.1297,
25.9325

■ 19.1530, 16.2916,
11.2812

■ 29.0794, 30.3328,
32.5059

■ 17.4960, 13.8770,
7.9560

■ 32.4556, 35.0249,
39.9833

■ 16.1372, 11.8621,
5.3363

■ 36.2151, 40.2211,
48.3972

■ 15.0583, 10.2253,
3.3706

■ 40.3694, 45.9358,
57.7785

■ 14.2389, 8.9424,
2.0004

■ 44.9296, 52.1829,
68.1566

■ 13.6557, 7.9864,
1.1570

■ 49.9064, 58.9757,
79.5599

■ 13.3372, 7.4518,
0.7354

■ 55.3101, 66.3271,
92.0153

■ 61.1505, 74.2496,
105.5490

Harmonies

Analogous

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



23.9579, 22.3987, 23.5325



23.4266, 22.3987, 20.2282



22.3259, 22.3987, 18.2065

Triad

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



23.4266, 22.3987, 20.2282



19.0043, 22.3987, 21.5816



21.5932, 22.3987, 32.4941

Complementary

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



23.4266, 22.3987, 20.2282



23.4175, 26.6758, 33.6208

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.



20.2853, 22.3987, 31.8317



23.4266, 22.3987, 20.2282



18.8266, 22.3987, 25.2648

Square

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



23.4266, 22.3987, 20.2282



19.7823, 22.3987, 18.9286



19.2861, 22.3987, 29.0831



22.8710, 22.3987, 30.8084

Rectangle

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



23.4266, 22.3987, 20.2282



21.4371, 22.3987, 17.7255



19.2861, 22.3987, 29.0831



21.1422, 22.3987, 32.5412

Sweetspot

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



23.4272, 22.3997, 20.2287



48.7180, 49.8966, 51.6481



24.6419, 21.7183, 30.2239



11.0101, 11.2529, 11.6014



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.



23.4272, 22.3997, 20.2287



39.1809, 36.4590, 31.0923



25.6950, 26.9353, 20.9846



6.2926, 6.3903, 6.5076



11.1999, 6.2823, 0.6223



0.1868, 0.1325, 0.0157

Inverse Universe

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



23.4175, 26.6758, 33.6208



39.1578, 45.4076, 59.1344



21.0332, 21.9073, 32.8260



6.2918, 6.8410, 7.9178



10.9387, 14.2740, 27.0863



0.1850, 0.2564, 0.4121

Previews

White Background



This preview shows how the XYZ color 23.4266, 22.3987, 20.2282 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 23.4266, 22.3987, 20.2282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

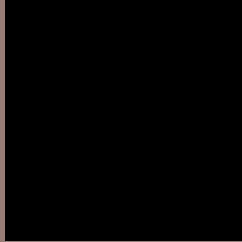
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.4266, 22.3987, 20.2282

Background



This preview shows how black text looks on a background with the XYZ color 23.4266, 22.3987, 20.2282.



This preview shows how white text looks on a background with the XYZ color 23.4266, 22.3987,

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

23.4266, 22.3987, 20.2282

Protanopia

21.4255, 22.4966, 21.3022

Deuteranopia

22.9436, 22.5256, 20.2782



Tritanopia

24.3827, 22.4278, 24.5166

Trichromacy



Original Color

23.4266, 22.3987, 20.2282

Protanomaly

22.0938, 22.4571, 20.9395

Deuteranomaly

22.9981, 22.3648, 20.2442

Tritanomaly

23.9857, 22.4446, 22.8067

Monochromacy



Original Color

23.4266, 22.3987, 20.2282

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.3285, 22.7218, 23.2876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4266, 22.3987, 20.2282 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, 124, 118)` looks like.

```
.text, #text, p{  
    color:rgb(152, 124, 118)  
}
```

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, 124, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 124, 118) }
```

Border

The CSS property to change the border of an element to XYZ 23.4266, 22.3987, 20.2282 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, 124, 118) }
```


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

```
.border{ border-color:rgb(152, 124, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 124, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 124, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 124, 118);  
box-shadow:4px 4px 4px 4px rgb(152, 124,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4266, 22.3987, 20.2282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 124, 118) }
```

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

```
.background{ background-color: rgb(152,  
124, 118) }
```

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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