

Converting Colors

XYZ(22.5480, 23.1358, 22.6630)

Have a look what the booklet for
XYZ(22.5480, 23.1358, 22.6630)
contains.

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Color

**XYZ(22.4995, 23.0214,
22.6598)**

Conversions

Conversions Part 1

Format	Color
Hex	8C827D
RGB	140, 130, 125
RGB Percent	55%, 51%, 49%
CMY	0.4510, 0.4902, 0.5098
CMYK	0.00, 0.07, 0.11, 0.45
HSL	20°, 6%, 52%
HSV	20°, 11%, 55%
XYZ	22.4995, 23.0214, 22.6598
YIQ	132.4200, 7.5650, 0.5650

Conversions

Conversions Part 2

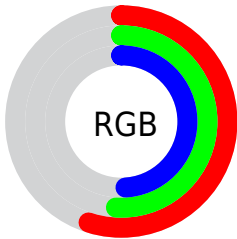
Format	Color
RYB	140, 133, 125
Decimal	9208445
CIELab	55.09, 2.86, 4.06
CIElCh	55, 4.962, 54.809
Yxy	23.0214, 0.3300, 0.3377
Android (android.graphics.Color)	4287398525 (0xFF8C827D)
YUV	132.4200, -3.6581, 6.6477
Hunter-Lab	47.9806, -0.2623, 5.5856

Details

The XYZ color **22.4995, 23.0214, 22.6598** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.8549, 23.5808, 28.2108**, and the grayscale version is **22.0953, 23.2459, 25.3148**.

A 20% lighter version of the original color is **47.2175, 48.5507, 49.0021**, and **8.4634, 8.5803, 8.0476** is the 20% darker color. If you saturate the color by 10%, you get **20.4823, 20.3186, 17.8816**, and if you desaturate by 10%, it is **24.7567, 26.0018, 28.1406**.

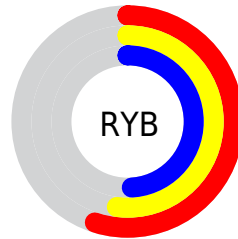
Distribution



Red (55%)

Green (51%)

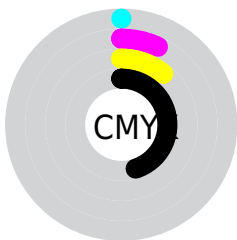
Blue (49%)



Red (55%)

Yellow (52%)

Blue (49%)

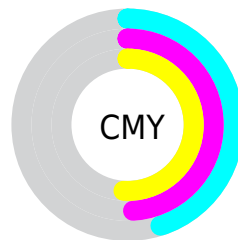


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (45%)



Cyan (45%)

Magenta (49%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4995, 23.0214, 22.6598 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 22.4995, 23.0214, 22.6598 by changing the saturation by 10% instead.

■ 22.4995, 23.0214,
22.6598

■ 22.4995, 23.0214,
22.6598

257.7274,
267.8349, 279.0379

■ 14.3430, 14.6093,
14.1396

■ 47.0429, 48.4285,
48.7502

■ 8.4429, 8.5457,
8.0779

■ 64.1606, 66.1922,
67.1575

■ 4.4338, 4.4460,
4.0564

■ 84.9960, 87.8420,
89.6975

■ 1.9504, 1.9261,
1.6563

109.9146,
113.7622, 116.7888

■ 0.6059, 0.5640,
0.3305

139.2817,
144.3372, 148.8500

■ 0.0000, 0.0000,
0.0000

173.4626,

179.9514, 186.2995

212.8227,
220.9891, 229.5560

■ 22.4995, 23.0214,
22.6598

■ 22.4995, 23.0214,
22.6598

■ 20.4823, 20.3186,
17.8816

■ 24.7567, 26.0018,
28.1406

■ 18.6948, 17.8823,
13.7758

■ 27.2597, 29.2645,
34.3494

■ 17.1291, 15.7050,
10.3124

■ 30.0166, 32.8179,
41.3122

■ 15.7759, 13.7779,
7.4583

■ 33.0345, 36.6690,
49.0534

■ 14.6250, 12.0915,
5.1776

■ 36.3203, 40.8247,
57.5962

■ 13.6656, 10.6357,
3.4305

■ 39.8805, 45.2918,
66.9627

■ 12.8856, 9.3995,
2.1721

■ 43.7214, 50.0765,
77.1744

■ 12.2712, 8.3710,
1.3498

■ 47.8491, 55.1851,
88.2517

■ 11.8196, 7.5841,
0.8409

■ 52.2697, 60.6237,
100.2146

Harmonies

Analogous

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



22.8603, 23.0214, 23.8105



22.4995, 23.0214, 22.6598



21.9775, 23.0214, 22.1551

Triad

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



22.4995, 23.0214, 22.6598



20.8395, 23.0214, 24.7920



22.3302, 23.0214, 27.9326

Complementary

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



22.4995, 23.0214, 22.6598



21.8549, 23.5808, 28.2108

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.



21.7851, 23.0214, 28.2222



22.4995, 23.0214, 22.6598



20.9304, 23.0214, 26.3656

Square

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



22.4995, 23.0214, 22.6598



21.0239, 23.0214, 23.3525



21.2742, 23.0214, 27.6376



22.7614, 23.0214, 26.8621

Rectangle

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



22.4995, 23.0214, 22.6598



21.6106, 23.0214, 22.2368



21.2742, 23.0214, 27.6376



22.1540, 23.0214, 28.1264

Sweetspot

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



22.5001, 23.0224, 22.6603



42.6738, 44.5637, 47.2292



22.5222, 21.9923, 25.9798



9.7622, 10.1753, 10.7099



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



22.5001, 23.0224, 22.6603



38.7183, 39.3233, 37.6781



23.5340, 25.0901, 23.0049



5.1603, 5.3035, 5.3041



10.5189, 6.7722, 0.7528



0.0823, 0.0698, 0.0091

Inverse Universe

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



21.8549, 23.5808, 28.2108



37.3326, 40.5220, 49.5969



20.8455, 21.5620, 27.8743



5.0347, 5.4123, 6.3852



7.7266, 8.7236, 23.3223



0.0648, 0.0850, 0.1594

Previews

White Background



This preview shows how the XYZ color 22.4995, 23.0214, 22.6598 looks on a white background.

Color Contrast Check

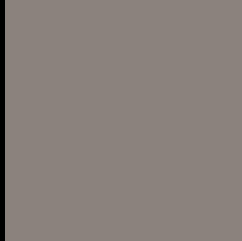
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4995, 23.0214, 22.6598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

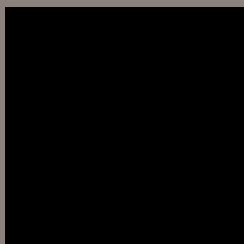
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

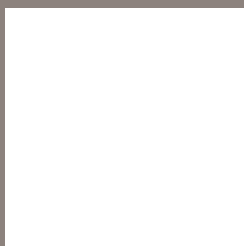
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.4995, 23.0214, 22.6598

Background



This preview shows how black text looks on a background with the XYZ color 22.4995, 23.0214, 22.6598.



This preview shows how white text looks on a background with the XYZ color 22.4995, 23.0214,

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

22.4995, 23.0214, 22.6598

Protanopia

22.0355, 22.9732, 23.0115

Deuteranopia

23.3879, 22.8881, 22.9238



Tritanopia

23.4619, 23.0241, 27.2523

Trichromacy



Original Color

22.4995, 23.0214, 22.6598

Protanomaly

22.1987, 23.0573, 23.0192

Deuteranomaly

22.9867, 22.8740, 22.9423

Tritanomaly

23.0684, 23.0567, 25.4249

Monochromacy



Original Color

22.4995, 23.0214, 22.6598

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.0704, 22.9685, 24.0390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4995, 23.0214, 22.6598 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(140, 130, 125)` looks like.

```
.text, #text, p{  
    color:rgb(140, 130, 125)  
}
```

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(140, 130, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 130, 125) }
```

Border

The CSS property to change the border of an element to XYZ 22.4995, 23.0214, 22.6598 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(140, 130, 125) }
```


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

```
.border{ border-color:rgb(140, 130, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 130, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 130, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 130, 125);  
box-shadow:4px 4px 4px 4px rgb(140, 130,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4995, 23.0214, 22.6598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 130, 125) }
```

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

```
.background{ background-color: rgb(140,  
130, 125) }
```

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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