

Converting Colors

XYZ(22.5934, 22.2834, 17.8624)

Have a look what the booklet for
XYZ(22.5934, 22.2834, 17.8624)
contains.

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Color

**XYZ(22.5425, 22.1826,
17.8454)**

Conversions

Conversions Part 1

Format	Color
Hex	957D6E
RGB	149, 125, 110
RGB Percent	58%, 49%, 43%
CMY	0.4157, 0.5098, 0.5686
CMYK	0.00, 0.16, 0.26, 0.42
HSL	23°, 16%, 51%
HSV	23°, 26%, 58%
XYZ	22.5425, 22.1826, 17.8454
YIQ	130.4660, 19.1190, 0.4230

Conversions

Conversions Part 2

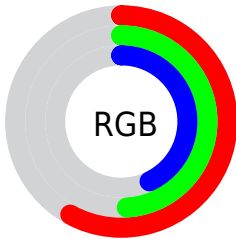
Format	Color
R_{YB}	149, 134, 110
Decimal	9796974
CIE _{Lab}	54.22, 6.82, 11.62
CIE _{LCh}	54, 13.475, 59.570
Yxy	22.1826, 0.3603, 0.3545
Android (android.graphics.Color)	4287987054 (0xFF957D6E)
YUV	130.4660, -10.0897, 16.2543
Hunter-Lab	47.0984, 3.0124, 10.5041

Details

The XYZ color **22.5425, 22.1826, 17.8454** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.3801, 22.5344, 31.7092**, and the grayscale version is **21.4137, 22.5289, 24.5339**.

A 20% lighter version of the original color is **47.3438, 47.2868, 40.8144**, and **8.4909, 8.1134, 5.6759** is the 20% darker color. If you saturate the color by 10%, you get **20.6911, 19.6706, 13.5568**, and if you desaturate by 10%, it is **24.6387, 24.9655, 22.8891**.

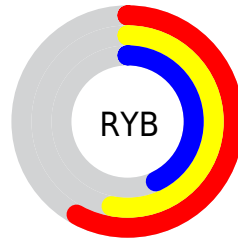
Distribution



Red (58%)

Green (49%)

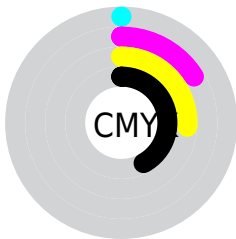
Blue (43%)



Red (58%)

Yellow (53%)

Blue (43%)

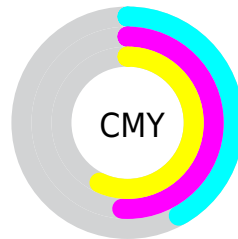


Cyan (0%)

Magenta (16%)

Yellow (26%)

Black (42%)



Cyan (42%)

Magenta (51%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5425, 22.1826, 17.8454 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 22.5425, 22.1826, 17.8454 by changing the saturation by 10% instead.

■ 22.5425, 22.1826,
17.8454

■ 22.5425, 22.1826,
17.8454

257.9458,
263.4984, 252.2050

■ 14.3749, 13.9911,
10.6708

■ 47.1132, 47.0476,
40.5841

■ 8.4653, 8.1145,
5.7345

■ 64.2470, 64.4899,
56.9852

■ 4.4484, 4.1683,
2.6182

■ 85.1003, 85.7847,
77.2989

■ 1.9588, 1.7681,
0.9018

■ 110.0384,
111.3162, 101.9437

■ 0.6107, 0.4672,
0.0000

139.4266,
141.4690, 131.3382

■ 0.0000, 0.0000,
0.0000

173.6304,

176.6273, 165.9009

213.0150,
217.1757, 206.0503

■ 22.5425, 22.1826,
17.8454

■ 22.5425, 22.1826,
17.8454

■ 20.6911, 19.6706,
13.5568

■ 24.6387, 24.9655,
22.8891

■ 19.0730, 17.4180,
9.9852

■ 26.9870, 28.0243,
28.7210

■ 17.6784, 15.4168,
7.0909

■ 29.5966, 31.3678,
35.3736

■ 16.4959, 13.6574,
4.8299

■ 32.4757, 35.0034,
42.8773

■ 15.5131, 12.1296,
3.1530

■ 35.6322, 38.9382,
51.2611

■ 14.7160, 10.8221,
2.0035

■ 39.0735, 43.1790,
60.5523

■ 14.0853, 9.7212,
1.2977

■ 42.8068, 47.7326,
70.7773

■ 13.8735, 9.3476,
1.0731

■ 46.8391, 52.6053,
81.9612

■ 51.1769, 57.8033,
94.1283

Harmonies

Analogous

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



23.6291, 22.1826, 20.3879



22.5425, 22.1826, 17.8454



21.1050, 22.1826, 16.9530

Triad

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



22.5425, 22.1826, 17.8454



18.3916, 22.1826, 24.0926



22.5043, 22.1826, 31.8681

Complementary

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



22.5425, 22.1826, 17.8454



20.3801, 22.5344, 31.7092

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.



21.0628, 22.1826, 33.1482



22.5425, 22.1826, 17.8454



18.7284, 22.1826, 28.3554

Square

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



22.5425, 22.1826, 17.8454



18.7479, 22.1826, 20.2945



19.6896, 22.1826, 31.7954



23.6063, 22.1826, 28.4722

Rectangle

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



22.5425, 22.1826, 17.8454



20.1547, 22.1826, 17.3234



19.6896, 22.1826, 31.7954



22.0413, 22.1826, 32.5765

Sweetspot

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



22.5431, 22.1836, 17.8459



47.4571, 49.0584, 49.2434



22.2771, 19.2643, 25.1170



10.3838, 10.6990, 10.5797



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



22.5431, 22.1836, 17.8459



38.5094, 37.2142, 27.6061



25.2506, 27.5986, 18.7483



5.9728, 6.1594, 6.1145



11.7035, 7.9215, 0.9122



0.1703, 0.1510, 0.0202

Inverse Universe

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



20.3801, 22.5344, 31.7092



34.0065, 37.9397, 56.4520



17.9350, 17.6443, 30.8942



5.7786, 6.1912, 7.3602



7.7928, 8.2804, 25.1186



0.1240, 0.1586, 0.3170

Previews

White Background



This preview shows how the XYZ color 22.5425, 22.1826, 17.8454 looks on a white background.

Color Contrast Check

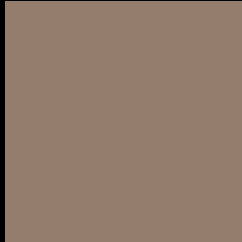
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5425, 22.1826, 17.8454 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

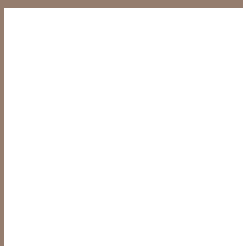
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5425, 22.1826, 17.8454

Background



This preview shows how black text looks on a background with the XYZ color 22.5425, 22.1826, 17.8454.



This preview shows how white text looks on a background with the XYZ color 22.5425, 22.1826,

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

22.5425, 22.1826, 17.8454

Protanopia

20.9282, 22.1046, 18.4928

Deuteranopia

22.5425, 22.1826, 17.8454



Tritanopia

23.8188, 22.1371, 24.4902

Trichromacy



Original Color

22.5425, 22.1826, 17.8454

Protanomaly

21.5729, 22.2488, 18.1964

Deuteranomaly

22.5425, 22.1826, 17.8454

Tritanomaly

23.2358, 22.0800, 21.7761

Monochromacy



Original Color

22.5425, 22.1826, 17.8454

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.6109, 22.1868, 21.8824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5425, 22.1826, 17.8454 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(149, 125, 110)` looks like.

```
.text, #text, p{  
    color:rgb(149, 125, 110)  
}
```

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(149, 125, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 125, 110) }
```

Border

The CSS property to change the border of an element to XYZ 22.5425, 22.1826, 17.8454 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(149, 125, 110) }
```


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

```
.border{ border-color:rgb(149, 125, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 125, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 125, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 125, 110);  
box-shadow:4px 4px 4px 4px rgb(149, 125,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5425, 22.1826, 17.8454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 125, 110) }
```

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

```
.background{ background-color: rgb(149,  
125, 110) }
```

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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