

Converting Colors

XYZ(22.4598, 25.7294, 17.7202)

Have a look what the booklet for
XYZ(22.4598, 25.7294, 17.7202)
contains.

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Color

**XYZ(22.3185, 25.5584,
17.6669)**

Conversions

Conversions Part 1

Format	Color
Hex	878E6B
RGB	135, 142, 107
RGB Percent	53%, 56%, 42%
CMY	0.4706, 0.4431, 0.5804
CMYK	0.05, 0.00, 0.25, 0.44
HSL	72°, 14%, 49%
HSV	72°, 25%, 56%
XYZ	22.3185, 25.5584, 17.6669
YIQ	135.9170, 7.0630, -12.3690

Conversions

Conversions Part 2

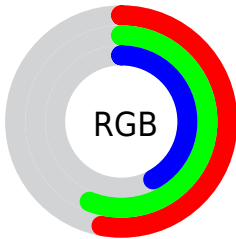
Format	Color
R_{YB}	107, 142, 114
Decimal	8883819
CIE Lab	57.62, -8.84, 17.84
CIE LCh	58, 19.908, 116.357
Yxy	25.5584, 0.3405, 0.3899
Android (android.graphics.Color)	4287073899 (0xFF878E6B)
YUV	135.9170, -14.2561, -0.8042
Hunter-Lab	50.5553, -9.6700, 14.6694

Details

The XYZ color **22.3185, 25.5584, 17.6669** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.0806, 16.0465, 27.7896**, and the grayscale version is **23.4210, 24.6407, 26.8338**.

A 20% lighter version of the original color is **46.9842, 52.8019, 40.5163**, and **8.3629, 9.9014, 5.6081** is the 20% darker color. If you saturate the color by 10%, you get **21.1811, 25.0522, 14.0290**, and if you desaturate by 10%, it is **23.5921, 26.1222, 21.9528**.

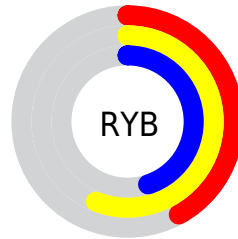
Distribution



Red (53%)

Green (56%)

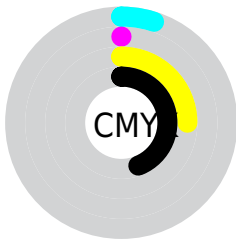
Blue (42%)



Red (42%)

Yellow (56%)

Blue (45%)

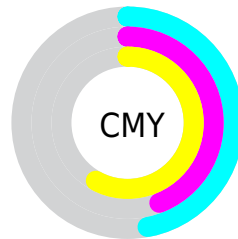


Cyan (5%)

Magenta (0%)

Yellow (25%)

Black (44%)



Cyan (47%)

Magenta (44%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3185, 25.5584, 17.6669 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 22.3185, 25.5584, 17.6669 by changing the saturation by 10% instead.

■ 22.3185, 25.5584,
17.6669

■ 22.3185, 25.5584,
17.6669

256.8063,
280.6075, 251.1595

■ 14.2090, 16.4936,
10.5441

■ 46.7468, 52.5617,
40.2752

■ 8.3489, 9.8741,
5.6509

■ 63.7963, 71.2689,
56.5977

■ 4.3727, 5.3156,
2.5687

■ 84.5566, 93.9591,
76.8240

■ 1.9150, 2.4336,
0.8762

■ 109.3929,
121.0165, 101.3725

■ 0.5856, 0.8431,
0.0000

138.6707,
152.8257, 130.6617

■ 0.0000, 0.0000,
0.0000

172.7553,

189.7710, 165.1103

212.0120,
232.2368, 205.1367

■ 22.3185, 25.5584,
17.6669

■ 22.3185, 25.5584,
17.6669

■ 21.1811, 25.0522,
14.0290

■ 23.5921, 26.1222,
21.9528

■ 20.1719, 24.5978,
11.0058

■ 25.0057, 26.7426,
26.9143

■ 19.2850, 24.1937,
8.5639

■ 26.5652, 27.4228,
32.5796

■ 18.5132, 23.8370,
6.6655

■ 28.2756, 28.1648,
38.9747

■ 17.8483, 23.5245,
5.2690

■ 30.1418, 28.9705,
46.1244

■ 17.2813, 23.2525,
4.3263

■ 32.1683, 29.8418,
54.0521

■ 16.8001, 23.0161,
3.7753

■ 34.3594, 30.7805,
62.7804

■ 16.5600, 22.8971,
3.5468

■ 36.7194, 31.7881,
72.3309

■ 39.2523, 32.8665,
82.7243

Harmonies

Analogous

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



24.5841, 25.5584, 16.6991



22.3185, 25.5584, 17.6669



20.6813, 25.5584, 21.1861

Triad

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



22.3185, 25.5584, 17.6669



21.8464, 25.5584, 40.2161



29.1474, 25.5584, 28.6690

Complementary

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



22.3185, 25.5584, 17.6669



17.0806, 16.0465, 27.7896

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.



28.3014, 25.5584, 35.7322



22.3185, 25.5584, 17.6669



24.0032, 25.5584, 43.0498

Square

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



22.3185, 25.5584, 17.6669



20.4214, 25.5584, 34.0568



26.3796, 25.5584, 41.2889



28.6242, 25.5584, 22.4104

Rectangle

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



22.3185, 25.5584, 17.6669



20.1145, 25.5584, 24.8529



26.3796, 25.5584, 41.2889



29.0123, 25.5584, 31.0331

Sweetspot

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



22.3192, 25.5595, 17.6674



43.4470, 46.8729, 45.1597



19.8274, 18.8477, 16.5033



9.6767, 10.4572, 9.9899



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.



22.3192, 25.5595, 17.6674



38.1289, 44.5237, 27.1863



19.7312, 24.2254, 17.5463



5.7353, 6.2317, 5.7899



14.8826, 20.5648, 3.1850



0.1596, 0.2056, 0.0313

Inverse Universe

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



17.0806, 16.0465, 27.7896



27.1349, 24.5539, 48.4371



19.5787, 17.3343, 27.9065



5.2241, 5.3037, 6.7771



4.8368, 1.9871, 23.1057



0.0611, 0.0266, 0.2216

Previews

White Background



This preview shows how the XYZ color 22.3185, 25.5584, 17.6669 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 22.3185, 25.5584, 17.6669 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

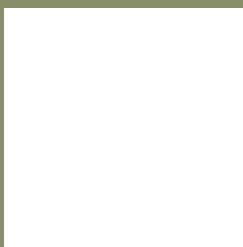
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.3185, 25.5584, 17.6669

Background



This preview shows how black text looks on a background with the XYZ color 22.3185, 25.5584, 17.6669.



This preview shows how white text looks on a background with the XYZ color 22.3185, 25.5584,

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

22.3185, 25.5584, 17.6669

Protanopia

23.8510, 25.4928, 17.0281

Deuteranopia

26.0481, 25.5606, 18.0288



Tritanopia

25.0273, 25.5734, 31.2208

Trichromacy



Original Color

22.3185, 25.5584, 17.6669

Protanomaly

23.1618, 25.3455, 17.3071

Deuteranomaly

24.4598, 25.3664, 17.7944

Tritanomaly

23.8787, 25.5345, 25.4999

Monochromacy



Original Color

22.3185, 25.5584, 17.6669

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.9435, 24.8919, 22.9974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3185, 25.5584, 17.6669 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(135, 142, 107)` looks like.

```
.text, #text, p{  
    color:rgb(135, 142, 107)  
}
```

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(135, 142, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 142, 107) }
```

Border

The CSS property to change the border of an element to XYZ 22.3185, 25.5584, 17.6669 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(135, 142, 107) }
```


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

```
.border{ border-color:rgb(135, 142, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 142, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 142, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 142, 107);  
box-shadow:4px 4px 4px 4px rgb(135, 142,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3185, 25.5584, 17.6669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 142, 107) }
```

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

```
.background{ background-color: rgb(135,  
142, 107) }
```

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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