

Converting Colors

XYZ(22.6131, 25.4965, 24.4463)

Have a look what the booklet for
XYZ(22.6131, 25.4965, 24.4463)
contains.

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Color

**XYZ(22.6887, 25.5981,
24.5140)**

Conversions

Conversions Part 1

Format	Color
Hex	818E81
RGB	129, 142, 129
RGB Percent	51%, 56%, 51%
CMY	0.4941, 0.4431, 0.4941
CMYK	0.09, 0.00, 0.09, 0.44
HSL	120°, 5%, 53%
HSV	120°, 9%, 56%
XYZ	22.6887, 25.5981, 24.5140
YIQ	136.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

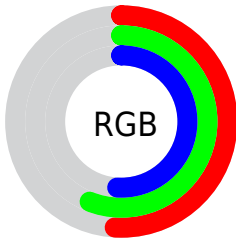
Format	Color
R_{YB}	129, 142, 142
Decimal	8490625
CIE _{Lab}	57.65, -7.31, 5.32
CIE _{LCh}	58, 9.038, 143.944
Yxy	25.5981, 0.3117, 0.3516
Android (android.graphics.Color)	4286680705 (0xFF818E81)
YUV	136.6310, -3.7621, -6.6924
Hunter-Lab	50.5946, -8.4937, 6.6891

Details

The XYZ color **22.6887, 25.5981, 24.5140** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.8890, 23.4049, 28.8509**, and the grayscale version is **23.6539, 24.8858, 27.1006**.

A 20% lighter version of the original color is **47.4748, 52.8023, 51.9456**, and **8.5834, 9.9390, 9.0554** is the 20% darker color. If you saturate the color by 10%, you get **19.8006, 24.2116, 19.7894**, and if you desaturate by 10%, it is **26.0092, 27.1939, 29.9447**.

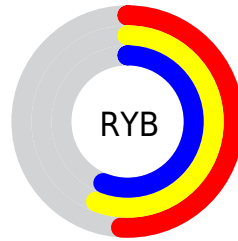
Distribution



Red (51%)

Green (56%)

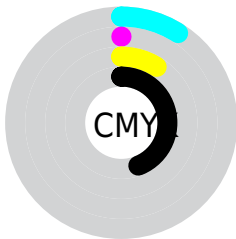
Blue (51%)



Red (51%)

Yellow (56%)

Blue (56%)

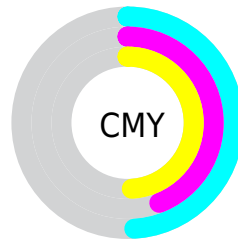


Cyan (9%)

Magenta (0%)

Yellow (9%)

Black (44%)



Cyan (49%)

Magenta (44%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6887, 25.5981, 24.5140 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 22.6887, 25.5981, 24.5140 by changing the saturation by 10% instead.

■ 22.6887, 25.5981,
24.5140

■ 22.6887, 25.5981,
24.5140

258.6873,
280.8036, 288.7787

■ 14.4832, 16.5232,
15.4996

■ 47.3521, 52.6259,
51.8220

■ 8.5415, 9.8951,
9.0203

■ 64.5407, 71.3475,
70.9527

■ 4.4980, 5.3295,
4.6574

■ 85.4545, 94.0536,
94.2926

■ 1.9876, 2.4419,
1.9925

110.4587,
121.1285, 122.2602

■ 0.6270, 0.8473,
0.5507

139.9188,
152.9565, 155.2740

■ 0.0000, 0.0000,
0.0000

174.2000,

189.9221, 193.7527

213.6677,
232.4096, 238.1148

■ 22.6887, 25.5981,
24.5140

■ 22.6887, 25.5981,
24.5140

■ 19.8006, 24.2116,
19.7894

■ 26.0092, 27.1939,
29.9447

■ 17.3251, 23.0225,
15.7404

■ 29.7767, 29.0036,
36.1070

■ 15.2441, 22.0228,
12.3365

■ 34.0076, 31.0359,
43.0273

■ 13.5372, 21.2029,
9.5445

■ 38.7169, 33.2980,
50.7301

■ 12.1821, 20.5520,
7.3280

■ 43.9190, 35.7969,
59.2389

■ 11.1545, 20.0584,
5.6471

■ 49.6276, 38.5390,
68.5761

■ 10.4266, 19.7087,
4.4564

■ 55.8558, 41.5307,
78.7632

■ 9.9662, 19.4876,
3.7033

■ 62.6164, 44.7782,
89.8211

■ 9.6951, 19.3574,
3.2599

■ 68.9635, 47.8270,
100.2045

Harmonies

Analogous

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



23.4966, 25.5981, 22.7792



22.6887, 25.5981, 24.5140



22.3218, 25.5981, 27.2488

Triad

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



22.6887, 25.5981, 24.5140



24.1117, 25.5981, 34.2185



26.2792, 25.5981, 25.5259

Complementary

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



22.6887, 25.5981, 24.5140



23.8890, 23.4049, 28.8509

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.



26.4556, 25.5981, 28.5046



22.6887, 25.5981, 24.5140



25.1833, 25.5981, 33.6724

Square

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



22.6887, 25.5981, 24.5140



23.1276, 25.5981, 32.9652



26.0491, 25.5981, 31.5234



25.5739, 25.5981, 23.3324

Rectangle

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



22.6887, 25.5981, 24.5140



22.3687, 25.5981, 29.3308



26.0491, 25.5981, 31.5234



26.4032, 25.5981, 26.4624

Sweetspot

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



22.6894, 25.5992, 24.5146



43.4839, 46.8089, 48.9112



24.7919, 26.6831, 24.6128



9.6132, 10.4074, 10.7625



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.



22.6894, 25.5992, 24.5146



38.8918, 44.6031, 41.4001



23.1355, 25.7776, 26.8637



5.3429, 6.0294, 5.7716



8.6849, 17.3698, 2.8951



0.0830, 0.1661, 0.0277

Inverse Universe

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



23.8890, 23.4049, 28.8509



41.4503, 39.9230, 50.6488



23.4149, 23.2153, 26.3543



5.6263, 5.5110, 6.7959



14.3993, 6.9167, 23.5519



0.1377, 0.0661, 0.2252

Previews

White Background



This preview shows how the XYZ color 22.6887, 25.5981, 24.5140 looks on a white background.

Color Contrast Check

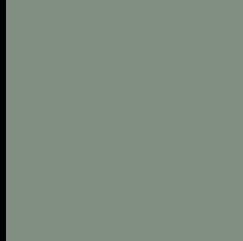
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6887, 25.5981, 24.5140 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

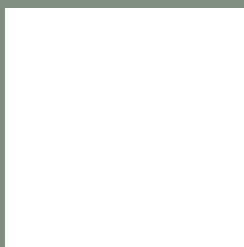
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.6887, 25.5981, 24.5140

Background



This preview shows how black text looks on a background with the XYZ color 22.6887, 25.5981, 24.5140.



This preview shows how white text looks on a background with the XYZ color 22.6887, 25.5981,

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

22.6887, 25.5981, 24.5140

Protanopia

24.2469, 25.5489, 23.7322

Deuteranopia

25.9483, 25.5589, 25.0385



Tritanopia

24.2534, 25.5728, 32.5119

Trichromacy



Original Color

22.6887, 25.5981, 24.5140

Protanomaly

23.6101, 25.4270, 24.0856

Deuteranomaly

24.6520, 25.5228, 24.7462

Tritanomaly

23.6206, 25.5345, 29.2749

Monochromacy



Original Color

22.6887, 25.5981, 24.5140

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.3672, 25.2548, 26.1973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6887, 25.5981, 24.5140 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(129, 142, 129)` looks like.

```
.text, #text, p{  
    color:rgb(129, 142, 129)  
}
```

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(129, 142, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 142, 129) }
```

Border

The CSS property to change the border of an element to XYZ 22.6887, 25.5981, 24.5140 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(129, 142, 129) }
```


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

```
.border{ border-color:rgb(129, 142, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 142, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 142, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 142, 129);  
box-shadow:4px 4px 4px 4px rgb(129, 142,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6887, 25.5981, 24.5140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 142, 129) }
```

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

```
.background{ background-color: rgb(129,  
142, 129) }
```

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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