

Converting Colors

XYZ(22.5842, 25.7605, 24.8677)

Have a look what the booklet for
XYZ(22.5842, 25.7605, 24.8677)
contains.

XYZ(22.6041, 25.7687, 24.9016)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.6041, 25.7687,
24.9016)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8F82
RGB	127, 143, 130
RGB Percent	50%, 56%, 51%
CMY	0.5020, 0.4392, 0.4902
CMYK	0.11, 0.00, 0.09, 0.44
HSL	131°, 7%, 53%
HSV	131°, 11%, 56%
XYZ	22.6041, 25.7687, 24.9016
YIQ	136.7340, -5.3630, -7.4350

Conversions

Conversions Part 2

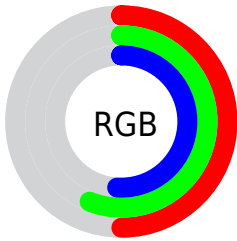
Format	Color
R_{YB}	127, 140, 143
Decimal	8359810
CIE _{Lab}	57.82, -8.40, 4.96
CIE _{LCh}	58, 9.754, 149.413
Yxy	25.7687, 0.3085, 0.3517
Android (android.graphics.Color)	4286549890 (0xFF7F8F82)
YUV	136.7340, -3.3199, -8.5367
Hunter-Lab	50.7629, -9.3511, 6.4495

Details

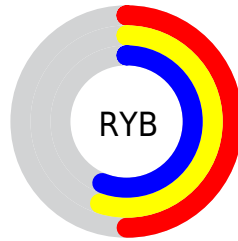
The XYZ color **22.6041, 25.7687, 24.9016** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.6516, 22.9124, 27.9880**, and the grayscale version is **23.6916, 24.9254, 27.1438**.

A 20% lighter version of the original color is **47.3359, 53.0547, 52.5455**, and **8.5414, 10.0425, 9.2728** is the 20% darker color. If you saturate the color by 10%, you get **19.8873, 24.4540, 20.9308**, and if you desaturate by 10%, it is **25.7127, 27.2767, 29.3516**.

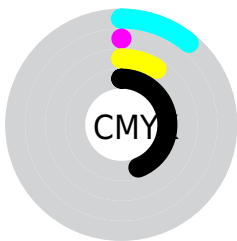
Distribution



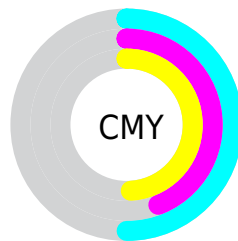
- Red (50%)
- Green (56%)
- Blue (51%)



- Red (50%)
- Yellow (55%)
- Blue (56%)



- Cyan (11%)
- Magenta (0%)
- Yellow (9%)
- Black (44%)



- Cyan (50%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6041, 25.7687, 24.9016 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 22.6041, 25.7687, 24.9016 by changing the saturation by 10% instead.

■ 22.6041, 25.7687,
24.9016

■ 22.6041, 25.7687,
24.9016

258.2585,
281.6448, 290.7795

■ 14.4205, 16.6507,
15.7854

■ 47.2139, 52.9016,
52.4597

■ 8.4974, 9.9858,
9.2197

■ 64.3708, 71.6852,
71.7387

■ 4.4693, 5.3895,
4.7860

■ 85.2496, 94.4595,
95.2423

■ 1.9709, 2.4776,
2.0657

110.2156,
121.6089, 123.3892

■ 0.6175, 0.8654,
0.5953

139.6341,
153.5177, 156.5978

■ 0.0000, 0.0000,
0.0000

173.8705,

190.5703, 195.2867

213.2902,
233.1513, 239.8744

■ 22.6041, 25.7687,
24.9016

■ 22.6041, 25.7687,
24.9016

■ 19.8873, 24.4540,
20.9308

■ 25.7127, 27.2767,
29.3516

■ 17.5446, 23.3215,
17.4215

■ 29.2258, 28.9820,
34.2944

■ 15.5602, 22.3643,
14.3575

■ 33.1579, 30.8925,
39.7449

■ 13.9160, 21.5733,
11.7209

■ 37.5224, 33.0148,
45.7171

■ 12.5926, 20.9390,
9.4928

■ 42.3318, 35.3551,
52.2244

■ 11.5686, 20.4508,
7.6526

■ 47.5984, 37.9195,
59.2796

■ 10.8197, 20.0966,
6.1779

■ 53.3339, 40.7136,
66.8953

■ 10.3178, 19.8624,
5.0443

■ 59.5494, 43.7430,
75.0835

■ 10.0187, 19.7243,
4.3048

■ 65.9966, 46.8794,
83.8437

Harmonies

Analogous

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



23.4028, 25.7687, 22.8052



22.6041, 25.7687, 24.9016



22.3084, 25.7687, 27.9916

Triad

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



22.6041, 25.7687, 24.9016



24.4693, 25.7687, 35.0151



26.5073, 25.7687, 25.0075

Complementary

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



22.6041, 25.7687, 24.9016



23.6516, 22.9124, 27.9880

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.



26.8144, 25.7687, 28.1239



22.6041, 25.7687, 24.9016



25.6153, 25.7687, 34.0605

Square

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



22.6041, 25.7687, 24.9016



23.3640, 25.7687, 33.9853



26.4830, 25.7687, 31.4699



25.6565, 25.7687, 22.8629

Rectangle

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



22.6041, 25.7687, 24.9016



22.4288, 25.7687, 30.2568



26.4830, 25.7687, 31.4699



26.6787, 25.7687, 25.9679

Sweetspot

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



22.6048, 25.7698, 24.9022



44.9484, 48.3138, 51.0028



24.4808, 26.7598, 23.9537



10.2072, 11.0307, 11.5530



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.6048, 25.7698, 24.9022



39.4086, 45.6284, 43.0416



23.1583, 25.9912, 27.8167



5.3816, 6.0449, 5.9756



8.8641, 17.4415, 3.8385



0.0909, 0.1692, 0.0691

Inverse Universe

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



23.6516, 22.9124, 27.9880



41.6013, 39.6425, 49.5054



23.0873, 22.6866, 25.0164



5.5835, 5.4939, 6.5706



12.8199, 6.2850, 15.2348



0.1298, 0.0630, 0.1838

Previews

White Background



This preview shows how the XYZ color 22.6041, 25.7687, 24.9016 looks on a white background.

Color Contrast Check

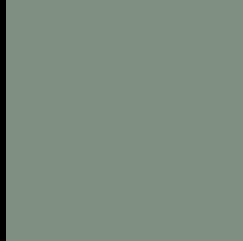
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6041, 25.7687, 24.9016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

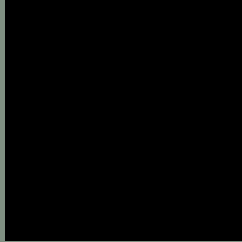
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

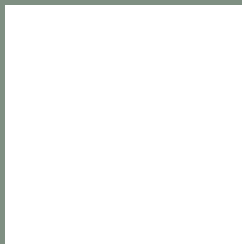
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.6041, 25.7687, 24.9016

Background



This preview shows how black text looks on a background with the XYZ color 22.6041, 25.7687, 24.9016.

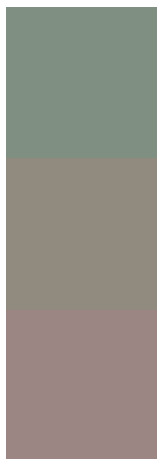


This preview shows how white text looks on a background with the XYZ color 22.6041, 25.7687,

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

22.6041, 25.7687, 24.9016

Protanopia

24.4208, 25.6386, 23.7403

Deuteranopia

26.2075, 25.6847, 25.4062



Tritanopia

24.1699, 25.7364, 32.9719

Trichromacy



Original Color

22.6041, 25.7687, 24.9016

Protanomaly

23.7556, 25.7180, 24.1341

Deuteranomaly

24.7194, 25.5498, 25.1015

Tritanomaly

23.5361, 25.7001, 29.7067

Monochromacy



Original Color

22.6041, 25.7687, 24.9016

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.2086, 25.1730, 26.1899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6041, 25.7687, 24.9016 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(127, 143, 130)` looks like.

```
.text, #text, p{  
    color:rgb(127, 143, 130)  
}
```

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(127, 143, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 143, 130) }
```

Border

The CSS property to change the border of an element to XYZ 22.6041, 25.7687, 24.9016 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(127, 143, 130) }
```


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

```
.border{ border-color:rgb(127, 143, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 143, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 143, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 143, 130);  
box-shadow:4px 4px 4px 4px rgb(127, 143,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6041, 25.7687, 24.9016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 143, 130) }
```

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

```
.background{ background-color: rgb(127,  
143, 130) }
```

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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