

Converting Colors

XYZ(22.5651, 26.1190, 18.3202)

Have a look what the booklet for
XYZ(22.5651, 26.1190, 18.3202)
contains.

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Color

**XYZ(22.5651, 26.1190,
18.3202)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 86906D |
| RGB | 134, 144, 109 |
| RGB Percent | 53%, 56%, 43% |
| CMY | 0.4745, 0.4353, 0.5725 |
| CMYK | 0.07, 0.00, 0.24, 0.44 |
| HSL | 77°, 14%, 50% |
| HSV | 77°, 24%, 56% |
| XYZ | 22.5651, 26.1190, 18.3202 |
| YIQ | 137.0200, 5.2750, -13.0050 |

Conversions

Conversions Part 2

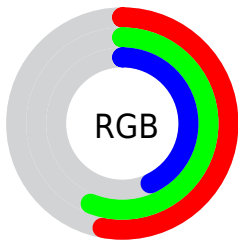
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 109, 144, 119 |
| Decimal | 8818797 |
| CIELab | 58.15, -10.01, 17.43 |
| CIELCh | 58, 20.101, 119.866 |
| Yxy | 26.1190, 0.3368, 0.3898 |
| Android (android.graphics.Color) | 4287008877 (0xFF86906D) |
| YUV | 137.0200, -13.8139, -2.6485 |
| Hunter-Lab | 51.1068, -10.6239, 14.5211 |

Details

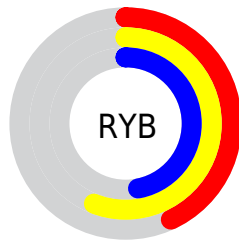
The XYZ color **22.5651, 26.1190, 18.3202** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.1115, 16.8736, 28.6894**, and the grayscale version is **23.8352, 25.0765, 27.3083**.

A 20% lighter version of the original color is **47.1206, 53.5262, 41.5663**, and **8.5012, 10.2271, 5.9409** is the 20% darker color. If you saturate the color by 10%, you get **21.2095, 25.5033, 14.5364**, and if you desaturate by 10%, it is **24.0746, 26.8009, 22.7753**.

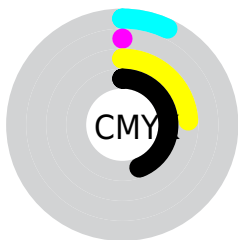
Distribution



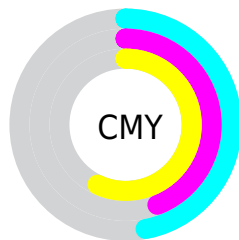
- Red (53%)
- Green (56%)
- Blue (43%)



- Red (43%)
- Yellow (56%)
- Blue (47%)



- Cyan (7%)
- Magenta (0%)
- Yellow (24%)
- Black (44%)



- Cyan (47%)
- Magenta (44%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5651, 26.1190, 18.3202 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 22.5651, 26.1190, 18.3202 by changing the saturation by 10% instead.

■ 22.5651, 26.1190,
18.3202

■ 22.5651, 26.1190,
18.3202

258.0606,
283.3658, 254.9662

■ 14.3916, 16.9127,
11.0083

■ 47.1502, 53.4669,
41.4035

■ 8.4771, 10.1723,
5.9582

■ 64.2925, 72.3772,
58.0119

■ 4.4561, 5.5133,
2.7513

■ 85.1551, 95.2910,
78.5563

■ 1.9632, 2.5515,
0.9691

■ 110.1034,
122.5927, 103.4552

■ 0.6132, 0.9023,
0.0000

139.5028,
154.6666, 133.1270

■ 0.0000, 0.0000,
0.0000

173.7185,

191.8971, 167.9905

213.1160,
234.6687, 208.4640

■ 22.5651, 26.1190,
18.3202

■ 22.5651, 26.1190,
18.3202

■ 21.2095, 25.5033,
14.5364

■ 24.0746, 26.8009,
22.7753

■ 19.9994, 24.9479,
11.3897

■ 25.7420, 27.5482,
27.9303

■ 18.9284, 24.4510,
8.8453

■ 27.5737, 28.3641,
33.8143

■ 17.9889, 24.0095,
6.8646

■ 29.5751, 29.2510,
40.4543

■ 17.1723, 23.6200,
5.4043

■ 31.7513, 30.2108,
47.8756

■ 16.4690, 23.2786,
4.4149

■ 34.1072, 31.2457,
56.1028

■ 15.8670, 22.9805,
3.8348

■ 36.6474, 32.3574,
65.1589

■ 15.5500, 22.8223,
3.5856

■ 39.3765, 33.5478,
75.0664

■ 42.2987, 34.8187,
85.8468

Harmonies

Analogous

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



24.8363, 26.1190, 17.0232



22.5651, 26.1190, 18.3202



20.9907, 26.1190, 22.2223

Triad

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



22.5651, 26.1190, 18.3202



22.5473, 26.1190, 41.6900



29.8101, 26.1190, 28.4705

Complementary

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



22.5651, 26.1190, 18.3202



18.1115, 16.8736, 28.6894

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.



29.1006, 26.1190, 35.7191



22.5651, 26.1190, 18.3202



24.8144, 26.1190, 44.0734

Square

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



22.5651, 26.1190, 18.3202



20.9809, 26.1190, 35.6560



27.2317, 26.1190, 41.7304



29.1128, 26.1190, 22.2684

Rectangle

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



22.5651, 26.1190, 18.3202



20.4940, 26.1190, 26.1436



27.2317, 26.1190, 41.7304



29.7276, 26.1190, 30.8653

Sweetspot

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



22.5658, 26.1201, 18.3208



44.5371, 48.1998, 46.5520



20.8498, 20.2081, 17.2701



10.1790, 11.0379, 10.5685



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.



22.5658, 26.1201, 18.3208



38.5009, 45.4783, 28.6386



20.0147, 24.8050, 18.2014



5.6914, 6.2091, 5.7879



13.5642, 19.8852, 3.1233



0.1514, 0.2013, 0.0309

Inverse Universe

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



18.1115, 16.8736, 28.6894



29.2923, 26.3574, 50.0816



20.7248, 18.2208, 28.8117



5.2654, 5.3250, 6.7791



5.2063, 2.1775, 23.1230



0.0693, 0.0309, 0.2220

Previews

White Background



This preview shows how the XYZ color 22.5651, 26.1190, 18.3202 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 22.5651, 26.1190, 18.3202 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 22.5651, 26.1190, 18.3202

Background



This preview shows how black text looks on a background with the XYZ color 22.5651, 26.1190, 18.3202.



This preview shows how white text looks on a background with the XYZ color 22.5651, 26.1190,

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

22.5651, 26.1190, 18.3202

Protanopia

24.2809, 25.9163, 17.6325

Deuteranopia

26.4986, 25.9844, 18.6578



Tritanopia

25.5529, 26.2427, 32.5727

Trichromacy



Original Color

22.5651, 26.1190, 18.3202

Protanomaly

23.7333, 26.0618, 17.9669

Deuteranomaly

24.8518, 25.9781, 18.4563

Tritanomaly

24.3793, 26.2023, 26.6943

Monochromacy



Original Color

22.5651, 26.1190, 18.3202

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.3622, 25.5227, 23.7737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5651, 26.1190, 18.3202 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(134, 144, 109)` looks like.

```
.text, #text, p{  
    color:rgb(134, 144, 109)  
}
```

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(134, 144, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 144, 109) }
```

Border

The CSS property to change the border of an element to XYZ 22.5651, 26.1190, 18.3202 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(134, 144, 109) }
```


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

```
.border{ border-color:rgb(134, 144, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 144, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 144, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 144, 109);  
box-shadow:4px 4px 4px 4px rgb(134, 144,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5651, 26.1190, 18.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 144, 109) }
```

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

```
.background{ background-color: rgb(134,  
144, 109) }
```

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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