

Converting Colors

XYZ(22.5059, 26.2653, 23.5253)

Have a look what the booklet for
XYZ(22.5059, 26.2653, 23.5253)
contains.

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Color

**XYZ(22.4955, 26.1928,
23.6087)**

Conversions

Conversions Part 1

Format	Color
Hex	7E917E
RGB	126, 145, 126
RGB Percent	49%, 57%, 49%
CMY	0.5059, 0.4314, 0.5059
CMYK	0.13, 0.00, 0.13, 0.43
HSL	120°, 8%, 53%
HSV	120°, 13%, 57%
XYZ	22.4955, 26.1928, 23.6087
YIQ	137.1530, -5.2250, -9.9370

Conversions

Conversions Part 2

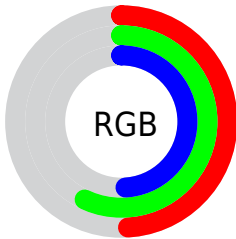
Format	Color
RYB	126, 145, 145
Decimal	8294782
CIELab	58.22, -10.63, 7.81
CIElCh	58, 13.191, 143.686
Yxy	26.1928, 0.3112, 0.3623
Android (android.graphics.Color)	4286484862 (0xFF7E917E)
YUV	137.1530, -5.4984, -9.7812
Hunter-Lab	51.1789, -11.1041, 8.4749

Details

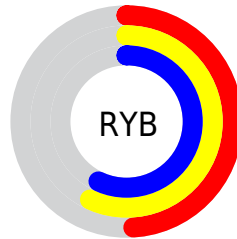
The XYZ color **22.4955, 26.1928, 23.6087** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2497, 22.9865, 29.9481**, and the grayscale version is **23.8579, 25.1004, 27.3343**.

A 20% lighter version of the original color is **47.1505, 53.6852, 50.5250**, and **8.4923, 10.2980, 8.5613** is the 20% darker color. If you saturate the color by 10%, you get **19.6415, 24.8227, 18.9399**, and if you desaturate by 10%, it is **25.7965, 27.7792, 29.0075**.

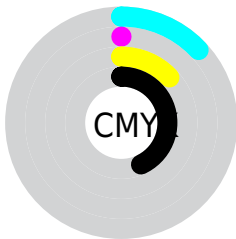
Distribution



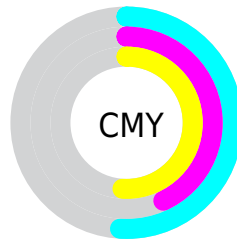
- Red (49%)
- Green (57%)
- Blue (49%)



- Red (49%)
- Yellow (57%)
- Blue (57%)



- Cyan (13%)
- Magenta (0%)
- Yellow (13%)
- Black (43%)



- Cyan (51%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4955, 26.1928, 23.6087 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 22.4955, 26.1928, 23.6087 by changing the saturation by 10% instead.

■ 22.4955, 26.1928,
23.6087

■ 22.4955, 26.1928,
23.6087

257.7071,
283.7272, 284.0588

■ 14.3401, 16.9679,
14.8341

■ 47.0364, 53.5858,
50.3267

■ 8.4409, 10.2116,
8.5577

■ 64.1525, 72.5228,
69.1072

■ 4.4325, 5.5395,
4.3610

■ 84.9863, 95.4658,
92.0600

■ 1.9496, 2.5671,
1.8254

109.9031,
122.7995, 119.6038

■ 0.6054, 0.9102,
0.4446

139.2682,
154.9080, 152.1570

■ 0.0000, 0.0000,
0.0000

173.4470,

192.1759, 190.1382

212.8048,
234.9875, 233.9659

■ 22.4955, 26.1928,
23.6087

■ 22.4955, 26.1928,
23.6087

■ 19.6415, 24.8227,
18.9399

■ 25.7965, 27.7792,
29.0075

■ 17.2134, 23.6563,
14.9683

■ 29.5603, 29.5872,
35.1640

■ 15.1913, 22.6850,
11.6608

■ 33.8047, 31.6260,
42.1064

■ 13.5532, 21.8981,
8.9812

■ 38.5456, 33.9033,
49.8611

■ 12.2747, 21.2840,
6.8900

■ 43.7985, 36.4265,
58.4531

■ 11.3288, 20.8296,
5.3428

■ 49.5780, 39.2027,
67.9065

■ 10.6847, 20.5202,
4.2893

■ 55.8982, 42.2386,
78.2444

■ 10.3059, 20.3383,
3.6696

■ 62.7727, 45.5408,
89.4889

■ 10.1259, 20.2518,
3.3753

■ 69.4159, 48.7318,
100.3553

Harmonies

Analogous

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



23.6787, 26.1928, 21.1811



22.4955, 26.1928, 23.6087



21.9583, 26.1928, 27.5605

Triad

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



22.4955, 26.1928, 23.6087



24.5583, 26.1928, 38.2147



27.8235, 26.1928, 25.1211

Complementary

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



22.4955, 26.1928, 23.6087



24.2497, 22.9865, 29.9481

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.



28.0836, 26.1928, 29.5005



22.4955, 26.1928, 23.6087



26.1532, 26.1928, 37.3828

Square

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



22.4955, 26.1928, 23.6087



23.1159, 26.1928, 36.2330



27.4603, 26.1928, 34.0680



26.7642, 26.1928, 21.9866

Rectangle

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



22.4955, 26.1928, 23.6087



22.0216, 26.1928, 30.6576



27.4603, 26.1928, 34.0680



28.0091, 26.1928, 26.4832

Sweetspot

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



22.4962, 26.1939, 23.6093



45.5809, 49.4508, 50.9405



25.5695, 27.7783, 23.7531



10.0445, 10.9550, 11.1762



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.



22.4962, 26.1939, 23.6093



38.5492, 46.0731, 39.4388



23.1389, 26.4510, 26.9935



5.3429, 6.0294, 5.7716



8.6849, 17.3698, 2.8950



0.0830, 0.1661, 0.0277

Inverse Universe

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



24.2497, 22.9865, 29.9481



42.3784, 39.0690, 53.2810



23.5473, 22.7055, 26.2490



5.6263, 5.5110, 6.7960



14.3995, 6.9168, 23.5531



0.1377, 0.0661, 0.2252

Previews

White Background



This preview shows how the XYZ color 22.4955, 26.1928, 23.6087 looks on a white background.

Color Contrast Check

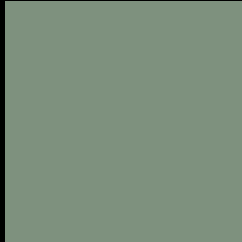
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4955, 26.1928, 23.6087 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

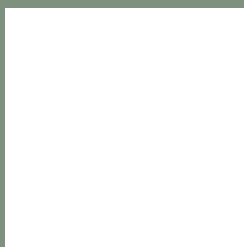
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.4955, 26.1928, 23.6087

Background



This preview shows how black text looks on a background with the XYZ color 22.4955, 26.1928, 23.6087.



This preview shows how white text looks on a background with the XYZ color 22.4955, 26.1928,

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

22.4955, 26.1928, 23.6087

Protanopia

24.6618, 26.0063, 22.4588

Deuteranopia

26.4649, 26.0546, 24.0563



Tritanopia

24.3983, 26.0626, 33.4504

Trichromacy



Original Color

22.4955, 26.1928, 23.6087

Protanomaly

23.8104, 25.9940, 22.8312

Deuteranomaly

24.9174, 26.1085, 23.8048

Tritanomaly

23.6842, 25.9963, 29.7561

Monochromacy



Original Color

22.4955, 26.1928, 23.6087

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.2846, 25.4362, 25.8727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4955, 26.1928, 23.6087 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(126, 145, 126)` looks like.

```
.text, #text, p{  
    color:rgb(126, 145, 126)  
}
```

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(126, 145, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 145, 126) }
```

Border

The CSS property to change the border of an element to XYZ 22.4955, 26.1928, 23.6087 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(126, 145, 126) }
```


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

```
.border{ border-color:rgb(126, 145, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 145, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 145, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 145, 126);  
box-shadow:4px 4px 4px 4px rgb(126, 145,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4955, 26.1928, 23.6087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 145, 126) }
```

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

```
.background{ background-color: rgb(126,  
145, 126) }
```

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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