

Converting Colors

XYZ(22.0823, 26.1996, 23.4998)

Have a look what the booklet for
XYZ(22.0823, 26.1996, 23.4998)
contains.

XYZ(22.0708, 26.2017, 23.6328)	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(22.0708, 26.2017,
23.6328)**

Conversions

Conversions Part 1

Format	Color
Hex	7A927E
RGB	122, 146, 126
RGB Percent	48%, 57%, 49%
CMY	0.5216, 0.4274, 0.5059
CMYK	0.16, 0.00, 0.14, 0.43
HSL	130°, 10%, 53%
HSV	130°, 16%, 57%
XYZ	22.0708, 26.2017, 23.6328
YIQ	136.5440, -7.8840, -11.3080

Conversions

Conversions Part 2

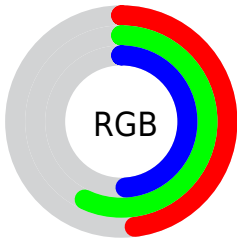
Format	Color
R_{YB}	122, 143, 146
Decimal	8032894
CIE _{Lab}	58.23, -12.62, 7.79
CIE _{LCh}	58, 14.832, 148.337
Yxy	26.2017, 0.3069, 0.3644
Android (android.graphics.Color)	4286222974 (0xFF7A927E)
YUV	136.5440, -5.1982, -12.7551
Hunter-Lab	51.1876, -12.6136, 8.4577

Details

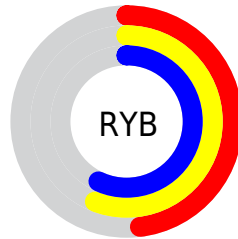
The XYZ color **22.0708, 26.2017, 23.6328** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.6970, 21.9837, 28.5867**, and the grayscale version is **23.6276, 24.8580, 27.0704**.

A 20% lighter version of the original color is **46.4702, 53.6772, 50.5593**, and **8.1794, 10.1367, 8.5467** is the 20% darker color. If you saturate the color by 10%, you get **19.4189, 24.9206, 19.6568**, and if you desaturate by 10%, it is **25.1303, 27.6834, 28.1275**.

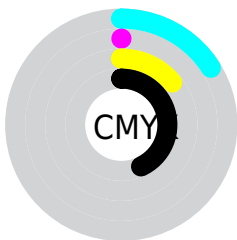
Distribution



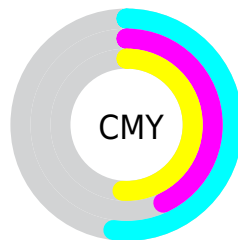
- Red (48%)
- Green (57%)
- Blue (49%)



- Red (48%)
- Yellow (56%)
- Blue (57%)



- Cyan (16%)
- Magenta (0%)
- Yellow (14%)
- Black (43%)



- Cyan (52%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0708, 26.2017, 23.6328 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 22.0708, 26.2017, 23.6328 by changing the saturation by 10% instead.

■ 22.0708, 26.2017,
23.6328

■ 22.0708, 26.2017,
23.6328

255.5412,
283.7708, 284.1853

■ 14.0258, 16.9746,
14.8518

■ 46.3410, 53.6002,
50.3666

■ 8.2205, 10.2164,
8.5700

■ 63.2969, 72.5403,
69.1565

■ 4.2893, 5.5427,
4.3688

■ 83.9538, 95.4869,
92.1197

■ 1.8671, 2.5690,
1.8298

108.6771,
122.8244, 119.6749

■ 0.5576, 0.9111,
0.4475

137.8321,
154.9371, 152.2404

■ 0.0000, 0.0000,
0.0000

171.7843,

192.2095, 190.2350

210.8988,
235.0259, 234.0771

■ 22.0708, 26.2017,
23.6328

■ 22.0708, 26.2017,
23.6328

■ 19.4189, 24.9206,
19.6568

■ 25.1303, 27.6834,
28.1275

■ 17.1552, 23.8282,
16.1791

■ 28.6114, 29.3702,
33.1569

■ 15.2619, 22.9166,
13.1806

■ 32.5301, 31.2709,
38.7383

■ 13.7191, 22.1759,
10.6403

■ 36.9010, 33.3926,
44.8879

■ 12.5049, 21.5953,
8.5355

■ 41.7378, 35.7421,
51.6210

■ 11.5949, 21.1627,
6.8417

■ 47.0540, 38.3259,
58.9525

■ 10.9611, 20.8643,
5.5320

■ 52.8621, 41.1503,
66.8968

■ 10.5621, 20.6794,
4.5756

■ 59.1745, 44.2213,
75.4676

■ 10.4477, 20.6261,
4.3130

■ 66.0030, 47.5447,
84.6783

Harmonies

Analogous

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



23.2959, 26.2017, 20.6590



22.0708, 26.2017, 23.6328



21.5999, 26.2017, 28.2423

Triad

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



22.0708, 26.2017, 23.6328



24.8036, 26.2017, 39.6370



28.0784, 26.2017, 24.0753

Complementary

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



22.0708, 26.2017, 23.6328



23.6970, 21.9837, 28.5867

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.



28.5288, 26.2017, 28.8180



22.0708, 26.2017, 23.6328



26.5843, 26.2017, 38.1805

Square

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



22.0708, 26.2017, 23.6328



23.1298, 26.2017, 37.8320



27.9697, 26.2017, 34.0591



26.7666, 26.2017, 20.8920

Rectangle

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



22.0708, 26.2017, 23.6328



21.7589, 26.2017, 31.7650



27.9697, 26.2017, 34.0591



28.3383, 26.2017, 25.5210

Sweetspot

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



22.0715, 26.2028, 23.6334



45.1087, 49.2111, 50.7499



25.0169, 27.7504, 22.4505



9.9538, 10.9082, 11.1719



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.



22.0715, 26.2028, 23.6334



36.9954, 45.2846, 38.8011



22.8643, 26.5199, 27.8079



5.7667, 6.4833, 6.3824



9.1996, 18.1526, 3.8269



0.1200, 0.2251, 0.0859

Inverse Universe

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



23.6970, 21.9837, 28.5867



40.4581, 36.2952, 49.3519



22.8706, 21.6531, 24.2348



5.9942, 5.8928, 7.0758



13.5119, 6.6098, 16.7083



0.1742, 0.0844, 0.2512

Previews

White Background



This preview shows how the XYZ color 22.0708, 26.2017, 23.6328 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 22.0708, 26.2017, 23.6328 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 22.0708, 26.2017, 23.6328

Background



This preview shows how black text looks on a background with the XYZ color 22.0708, 26.2017, 23.6328.



This preview shows how white text looks on a background with the XYZ color 22.0708, 26.2017,

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

22.0708, 26.2017, 23.6328

Protanopia

24.6618, 26.0063, 22.4588

Deuteranopia

26.4649, 26.0546, 24.0563



Tritanopia

24.1752, 26.1579, 33.9118

Trichromacy



Original Color

22.0708, 26.2017, 23.6328

Protanomaly

23.6276, 26.1196, 22.8651

Deuteranomaly

24.5650, 25.9268, 23.7883

Tritanomaly

23.2378, 25.9881, 29.7780

Monochromacy



Original Color

22.0708, 26.2017, 23.6328

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.1274, 25.3552, 25.8654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0708, 26.2017, 23.6328 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(122, 146, 126)` looks like.

```
.text, #text, p{  
    color:rgb(122, 146, 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(122, 146, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 146, 126) }
```

Border

The CSS property to change the border of an element to XYZ 22.0708, 26.2017, 23.6328 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(122, 146, 126) }
```


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

```
.border{ border-color:rgb(122, 146, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 146, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 146, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 146, 126);  
box-shadow:4px 4px 4px 4px rgb(122, 146,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0708, 26.2017, 23.6328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 146, 126) }
```

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

```
.background{ background-color: rgb(122,  
146, 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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