

Converting Colors

XYZ(23.0078, 26.8109, 18.9968)

Have a look what the booklet for
XYZ(23.0078, 26.8109, 18.9968)
contains.

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Color

**XYZ(22.9796, 26.7738,
18.9956)**

Conversions

Conversions Part 1

Format	Color
Hex	86926F
RGB	134, 146, 111
RGB Percent	53%, 57%, 44%
CMY	0.4745, 0.4274, 0.5647
CMYK	0.08, 0.00, 0.24, 0.43
HSL	81°, 14%, 50%
HSV	81°, 24%, 57%
XYZ	22.9796, 26.7738, 18.9956
YIQ	138.4220, 4.0830, -13.4290

Conversions

Conversions Part 2

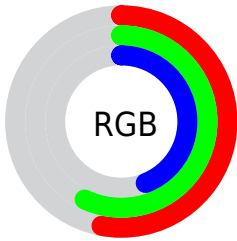
Format	Color
R_{YB}	111, 146, 123
Decimal	8819311
CIE _{Lab}	58.76, -10.77, 17.15
CIE _{LCh}	59, 20.254, 122.138
Yxy	26.7738, 0.3343, 0.3894
Android (android.graphics.Color)	4287009391 (0xFF86926F)
YUV	138.4220, -13.5190, -3.8781
Hunter-Lab	51.7434, -11.2779, 14.4543

Details

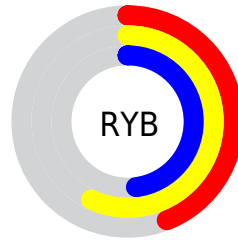
The XYZ color **22.9796, 26.7738, 18.9956** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.0422, 17.6559, 29.5999**, and the grayscale version is **24.3683, 25.6374, 27.9191**.

A 20% lighter version of the original color is **47.7587, 54.5177, 42.6561**, and **8.7362, 10.6094, 6.2900** is the 20% darker color. If you saturate the color by 10%, you get **21.4615, 26.0774, 15.0656**, and if you desaturate by 10%, it is **24.6683, 27.5446, 23.6206**.

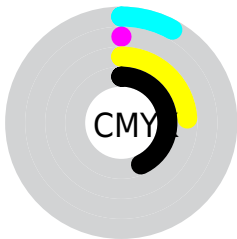
Distribution



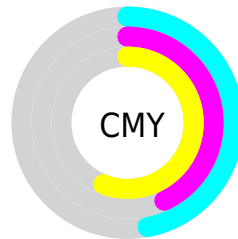
- Red (53%)
- Green (57%)
- Blue (44%)



- Red (44%)
- Yellow (57%)
- Blue (48%)



- Cyan (8%)
- Magenta (0%)
- Yellow (24%)
- Black (43%)



- Cyan (47%)
- Magenta (43%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9796, 26.7738, 18.9956 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 22.9796, 26.7738, 18.9956 by changing the saturation by 10% instead.

■ 22.9796, 26.7738,
18.9956

■ 22.9796, 26.7738,
18.9956

260.1575,
286.5602, 258.8464

■ 14.6991, 17.4034,
11.4903

■ 47.8267, 54.5207,
42.5633

■ 8.6934, 10.5225,
6.2793

■ 65.1240, 73.6660,
59.4627

■ 4.5972, 5.7468,
2.9442

■ 86.1576, 96.8383,
80.3307

■ 2.0452, 2.6917,
1.0662

■ 111.2929,
124.4222, 105.5856

■ 0.6592, 0.9730,
0.0000

140.8951,
156.8019, 135.6461

■ 0.0000, 0.0000,
0.0000

175.3297,

194.3619, 170.9307

214.9621,
237.4865, 211.8580

■ 22.9796, 26.7738,
18.9956

■ 22.9796, 26.7738,
18.9956

■ 21.4615, 26.0774,
15.0656

■ 24.6683, 27.5446,
23.6206

■ 20.1050, 25.4491,
11.7954

■ 26.5320, 28.3889,
28.9703

■ 18.9035, 24.8870,
9.1491

■ 28.5775, 29.3104,
35.0747

■ 17.8487, 24.3878,
7.0867

■ 30.8105, 30.3114,
41.9614

■ 16.9317, 23.9478,
5.5637

■ 33.2365, 31.3942,
49.6570

■ 16.1422, 23.5629,
4.5291

■ 35.8608, 32.5610,
58.1866

■ 15.4679, 23.2281,
3.9209

■ 38.6883, 33.8138,
67.5741

■ 15.0964, 23.0421,
3.6519

■ 41.7239, 35.1546,
77.8428

■ 44.9723, 36.5853,
89.0147

Harmonies

Analogous

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



25.2691, 26.7738, 17.4633



22.9796, 26.7738, 18.9956



21.4370, 26.7738, 23.1901

Triad

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



22.9796, 26.7738, 18.9956



23.2705, 26.7738, 43.0666



30.5500, 26.7738, 28.6424

Complementary

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



22.9796, 26.7738, 18.9956



19.0422, 17.6559, 29.5999

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.



29.9298, 26.7738, 36.0573



22.9796, 26.7738, 18.9956



25.6271, 26.7738, 45.1533

Square

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



22.9796, 26.7738, 18.9956



21.5971, 26.7738, 37.0903



28.0865, 26.7738, 42.4050



29.7307, 26.7738, 22.4360

Rectangle

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



22.9796, 26.7738, 18.9956



20.9844, 26.7738, 27.3126



28.0865, 26.7738, 42.4050



30.5029, 26.7738, 31.0724

Sweetspot

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



22.9803, 26.7750, 18.9962



45.7273, 49.5921, 47.9729



21.7660, 21.3429, 18.0117



10.1360, 11.0157, 10.5665



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.



22.9803, 26.7750, 18.9962



38.9978, 46.5255, 29.4708



20.4627, 25.4771, 18.8784



6.0743, 6.6461, 6.2031



13.3086, 20.2887, 3.2147



0.1946, 0.2647, 0.0408

Inverse Universe

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



19.0422, 17.6559, 29.5999



30.7632, 27.4523, 51.6510



21.7170, 19.0348, 29.7251



5.6759, 5.7239, 7.2754



5.7483, 2.4359, 24.0982



0.0997, 0.0449, 0.2963

Previews

White Background



This preview shows how the XYZ color 22.9796, 26.7738, 18.9956 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 22.9796, 26.7738, 18.9956 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 22.9796, 26.7738, 18.9956

Background



This preview shows how black text looks on a background with the XYZ color 22.9796, 26.7738, 18.9956.



This preview shows how white text looks on a background with the XYZ color 22.9796, 26.7738,

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

22.9796, 26.7738, 18.9956

Protanopia

25.0477, 26.7332, 18.3079

Deuteranopia

27.0946, 26.6931, 19.3470



Tritanopia

26.0076, 26.8922, 33.5257

Trichromacy



Original Color

22.9796, 26.7738, 18.9956

Protanomaly

24.3140, 26.7905, 18.6414

Deuteranomaly

25.4396, 26.6983, 19.1417

Tritanomaly

24.8191, 26.8543, 27.5422

Monochromacy



Original Color

22.9796, 26.7738, 18.9956

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.7377, 25.9266, 24.1753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9796, 26.7738, 18.9956 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, 146, 111)` looks like.

```
.text, #text, p{  
    color:rgb(134, 146, 111)  
}
```

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, 146, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 146, 111) }
```

Border

The CSS property to change the border of an element to XYZ 22.9796, 26.7738, 18.9956 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, 146, 111) }
```


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

```
.border{ border-color:rgb(134, 146, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 146, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 146, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 146, 111);  
box-shadow:4px 4px 4px 4px rgb(134, 146,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9796, 26.7738, 18.9956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 146, 111) }
```

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

```
.background{ background-color: rgb(134,  
146, 111) }
```

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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