

Converting Colors

XYZ(23.7920, 26.9468, 26.0046)

Have a look what the booklet for
XYZ(23.7920, 26.9468, 26.0046)
contains.

XYZ(23.8726, 27.0765, 26.1584)	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(23.8726, 27.0765,
26.1584)**

Conversions

Conversions Part 1

Format	Color
Hex	839285
RGB	131, 146, 133
RGB Percent	51%, 57%, 52%
CMY	0.4863, 0.4274, 0.4784
CMYK	0.10, 0.00, 0.09, 0.43
HSL	128°, 6%, 54%
HSV	128°, 10%, 57%
XYZ	23.8726, 27.0765, 26.1584
YIQ	140.0330, -4.7670, -7.2230

Conversions

Conversions Part 2

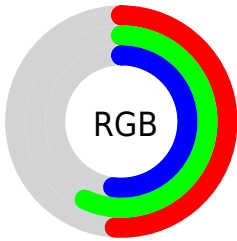
Format	Color
R_{YB}	131, 144, 146
Decimal	8622725
CIE Lab	59.05, -8.00, 5.06
CIE LCh	59, 9.465, 147.706
Yxy	27.0765, 0.3096, 0.3512
Android (android.graphics.Color)	4286812805 (0xFF839285)
YUV	140.0330, -3.4673, -7.9219
Hunter-Lab	52.0351, -9.1694, 6.6191

Details

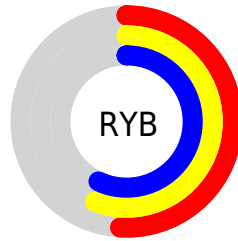
The XYZ color **23.8726, 27.0765, 26.1584** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.0054, 24.3579, 29.7704**, and the grayscale version is **24.9551, 26.2547, 28.5913**.

A 20% lighter version of the original color is **49.2844, 55.0441, 54.4814**, and **9.2628, 10.7997, 9.9838** is the 20% darker color. If you saturate the color by 10%, you get **20.9465, 25.6638, 21.7297**, and if you desaturate by 10%, it is **27.2242, 28.6979, 31.1580**.

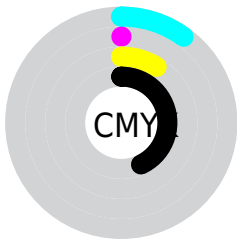
Distribution



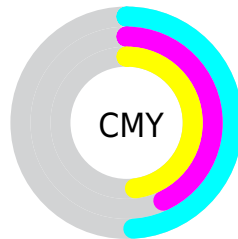
- Red (51%)
- Green (57%)
- Blue (52%)



- Red (51%)
- Yellow (56%)
- Blue (57%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (43%)



- Cyan (49%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8726, 27.0765, 26.1584 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 23.8726, 27.0765, 26.1584 by changing the saturation by 10% instead.

■ 23.8726, 27.0765,
26.1584

■ 23.8726, 27.0765,
26.1584

264.6282,
288.0273, 297.1890

■ 15.3634, 17.6307,
16.7154

■ 49.2784, 55.0066,
54.5176

■ 9.1628, 10.6852,
9.8719

■ 66.9057, 74.2597,
74.2708

■ 4.9055, 5.8556,
5.2096

■ 88.3031, 97.5506,
98.2978

■ 2.2261, 2.7574,
2.3099

113.8358,
125.2638, 127.0172

■ 0.7564, 1.0065,
0.7368

143.8694,
157.7837, 160.8475

■ 0.0000, 0.0000,
0.0000

178.7690,

195.4947, 200.2072

218.9002,
238.7811, 245.5148

■ 23.8726, 27.0765,
26.1584

■ 23.8726, 27.0765,
26.1584

■ 20.9465, 25.6638,
21.7297

■ 27.2242, 28.6979,
31.1580

■ 18.4268, 24.4481,
17.8498

■ 31.0151, 30.5324,
36.7459

■ 16.2960, 23.4216,
14.4980

■ 35.2613, 32.5887,
42.9411

■ 14.5346, 22.5748,
11.6513

■ 39.9771, 34.8737,
49.7610

■ 13.1213, 21.8971,
9.2852

■ 45.1765, 37.3944,
57.2225

■ 12.0330, 21.3772,
7.3732

■ 50.8727, 40.1570,
65.3418

■ 11.2431, 21.0021,
5.8862

■ 57.0783, 43.1680,
74.1345

■ 10.7212, 20.7568,
4.7917

■ 63.8057, 46.4332,
83.6156

■ 10.4010, 20.6074,
4.0666

■ 68.2901, 48.5271,
93.6699

Harmonies

Analogous

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



24.6993, 27.0765, 24.1166



23.8726, 27.0765, 26.1584



23.5435, 27.0765, 29.2235

Triad

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



23.8726, 27.0765, 26.1584



25.6451, 27.0765, 36.4304



27.7877, 27.0765, 26.5748

Complementary

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



23.8726, 27.0765, 26.1584



25.0054, 24.3579, 29.7704

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.



28.0593, 27.0765, 29.7415



23.8726, 27.0765, 26.1584



26.8001, 27.0765, 35.5888

Square

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



23.8726, 27.0765, 26.1584



24.5472, 27.0765, 35.2959



27.6927, 27.0765, 33.0752



26.9613, 27.0765, 24.3438

Rectangle

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



23.8726, 27.0765, 26.1584



23.6428, 27.0765, 31.4935



27.6927, 27.0765, 33.0752



27.9480, 27.0765, 27.5575

Sweetspot

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



23.8733, 27.0777, 26.1590



46.3010, 49.7904, 52.4043



25.9220, 28.1496, 25.5403



10.1983, 11.0272, 11.5064



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.



23.8733, 27.0777, 26.1590



41.0392, 47.2467, 44.5296



24.3919, 27.2851, 28.8896



5.7592, 6.4803, 6.3429



9.1576, 18.1358, 3.6057



0.1182, 0.2244, 0.0761

Inverse Universe

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



25.0054, 24.3579, 29.7704



43.3874, 41.6049, 52.0205



24.4687, 24.1432, 26.9442



6.0024, 5.8960, 7.1188



13.7820, 6.7178, 18.1306



0.1761, 0.0852, 0.2610

Previews

White Background



This preview shows how the XYZ color 23.8726, 27.0765, 26.1584 looks on a white background.

Color Contrast Check

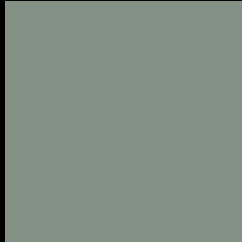
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8726, 27.0765, 26.1584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

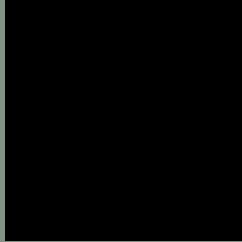
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.8726, 27.0765, 26.1584

Background



This preview shows how black text looks on a background with the XYZ color 23.8726, 27.0765, 26.1584.

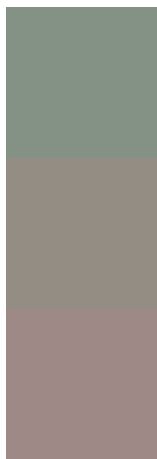


This preview shows how white text looks on a background with the XYZ color 23.8726, 27.0765,

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

23.8726, 27.0765, 26.1584

Protanopia

25.6542, 26.8915, 25.3112

Deuteranopia

27.4194, 26.9097, 26.6706



Tritanopia

25.4867, 27.0463, 34.4490

Trichromacy



Original Color

23.8726, 27.0765, 26.1584

Protanomaly

24.9718, 26.9736, 25.7201

Deuteranomaly

25.8939, 26.7733, 26.3573

Tritanomaly

24.8344, 27.0084, 31.0984

Monochromacy



Original Color

23.8726, 27.0765, 26.1584

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.5049, 26.4705, 27.4847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8726, 27.0765, 26.1584 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(131, 146, 133)` looks like.

```
.text, #text, p{  
    color:rgb(131, 146, 133)  
}
```

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(131, 146, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 146, 133) }
```

Border

The CSS property to change the border of an element to XYZ 23.8726, 27.0765, 26.1584 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(131, 146, 133) }
```


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

```
.border{ border-color:rgb(131, 146, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 146, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 146, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 146, 133);  
box-shadow:4px 4px 4px 4px rgb(131, 146,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8726, 27.0765, 26.1584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 146, 133) }
```

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

```
.background{ background-color: rgb(131,  
146, 133) }
```

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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