

Converting Colors

XYZ(23.7741, 26.8240, 20.1934)

Have a look what the booklet for
XYZ(23.7741, 26.8240, 20.1934)
contains.

XYZ(23.8674, 26.9776, 20.1689)	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(23.8674, 26.9776,
20.1689)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9173
RGB	139, 145, 115
RGB Percent	55%, 57%, 45%
CMY	0.4549, 0.4314, 0.5490
CMYK	0.04, 0.00, 0.21, 0.43
HSL	72°, 12%, 51%
HSV	72°, 21%, 57%
XYZ	23.8674, 26.9776, 20.1689
YIQ	139.7860, 6.0540, -10.6020

Conversions

Conversions Part 2

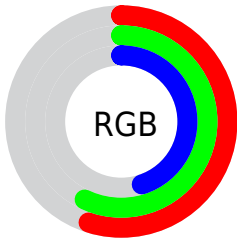
Format	Color
RYB	115, 145, 121
Decimal	9146739
CIELab	58.95, -7.63, 15.22
CIElCh	59, 17.027, 116.621
Yxy	26.9776, 0.3361, 0.3799
Android (android.graphics.Color)	4287336819 (0xFF8B9173)
YUV	139.7860, -12.2195, -0.6893
Hunter-Lab	51.9400, -8.8708, 13.3350

Details

The XYZ color **23.8674, 26.9776, 20.1689** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.1278, 18.3715, 29.3275**, and the grayscale version is **24.8891, 26.1852, 28.5157**.

A 20% lighter version of the original color is **49.3908, 54.9743, 44.5671**, and **9.2252, 10.7135, 6.8919** is the 20% darker color. If you saturate the color by 10%, you get **22.6200, 26.4243, 16.0923**, and if you desaturate by 10%, it is **25.2604, 27.5924, 24.9386**.

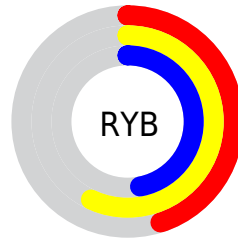
Distribution



Red (55%)

Green (57%)

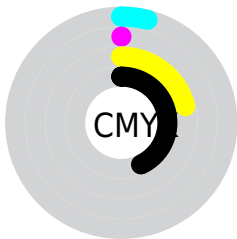
Blue (45%)



Red (45%)

Yellow (57%)

Blue (47%)

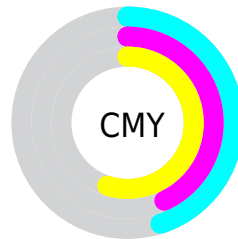


Cyan (4%)

Magenta (0%)

Yellow (21%)

Black (43%)



Cyan (45%)

Magenta (43%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8674, 26.9776, 20.1689 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 23.8674, 26.9776, 20.1689 by changing the saturation by 10% instead.

■ 23.8674, 26.9776,
20.1689

■ 23.8674, 26.9776,
20.1689

264.6023,
287.5486, 265.4624

■ 15.3595, 17.5564,
12.3326

■ 49.2700, 54.8479,
44.5629

■ 9.1600, 10.6320,
6.8453

■ 66.8954, 74.0658,
61.9576

■ 4.9037, 5.8199,
3.2886

■ 88.2906, 97.3181,
83.3755

■ 2.2250, 2.7359,
1.2438

113.8211,
124.9891, 109.2352

■ 0.7559, 0.9955,
0.0151

143.8521,
157.4633, 139.9552

■ 0.0000, 0.0000,
0.0000

178.7491,

195.1250, 175.9541

218.8774,
238.3587, 217.6503

■ 23.8674, 26.9776,
20.1689

■ 23.8674, 26.9776,
20.1689

■ 22.6200, 26.4243,
16.0923

■ 25.2604, 27.5924,
24.9386

■ 21.5098, 25.9265,
12.6748

■ 26.8026, 28.2675,
30.4299

■ 20.5309, 25.4826,
9.8823

■ 28.5003, 29.0063,
36.6716

■ 19.6758, 25.0898,
7.6766

■ 30.3586, 29.8108,
43.6906

■ 18.9366, 24.7447,
6.0158

■ 32.3824, 30.6832,
51.5123

■ 18.3040, 24.4437,
4.8519

■ 34.5766, 31.6251,
60.1612

■ 17.7673, 24.1824,
4.1291

■ 36.9456, 32.6386,
69.6604

■ 17.3271, 23.9643,
3.7123

■ 39.4937, 33.7252,
80.0325

■ 42.2251, 34.8868,
91.2990

Harmonies

Analogous

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



25.8811, 26.9776, 19.2413



23.8674, 26.9776, 20.1689



22.4029, 26.9776, 23.4380

Triad

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



23.8674, 26.9776, 20.1689



23.4750, 26.9776, 40.1752



29.9051, 26.9776, 30.0637

Complementary

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



23.8674, 26.9776, 20.1689



19.1278, 18.3715, 29.3275

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.



29.1779, 26.9776, 36.2361



23.8674, 26.9776, 20.1689



25.4032, 26.9776, 42.5556

Square

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



23.8674, 26.9776, 20.1689



22.1852, 26.9776, 34.8897



27.5012, 26.9776, 41.0244



29.4391, 26.9776, 24.4726

Rectangle

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



23.8674, 26.9776, 20.1689



21.8961, 26.9776, 26.7685



27.5012, 26.9776, 41.0244



29.7911, 26.9776, 32.1434

Sweetspot

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



23.8681, 26.9788, 20.1695



46.4621, 49.9493, 48.9851



21.6099, 20.9331, 19.1216



10.3019, 11.0968, 10.7763



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.



23.8681, 26.9788, 20.1695



41.6308, 47.8198, 32.4406



21.5330, 25.7750, 20.0602



5.7353, 6.2317, 5.7899



14.8824, 20.5648, 3.1850



0.1596, 0.2056, 0.0313

Inverse Universe

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



19.1278, 18.3715, 29.3275



31.5111, 29.4419, 51.9956



21.3958, 19.5407, 29.4336



5.2242, 5.3037, 6.7771



4.8369, 1.9871, 23.1057



0.0611, 0.0266, 0.2216

Previews

White Background



This preview shows how the XYZ color 23.8674, 26.9776, 20.1689 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 23.8674, 26.9776, 20.1689 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 23.8674, 26.9776, 20.1689

Background



This preview shows how black text looks on a background with the XYZ color 23.8674, 26.9776, 20.1689.



This preview shows how white text looks on a background with the XYZ color 23.8674, 26.9776,

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

23.8674, 26.9776, 20.1689

Protanopia

25.2680, 26.8213, 19.4680

Deuteranopia

27.3249, 26.7852, 20.5595



Tritanopia

26.4656, 26.9198, 33.0793

Trichromacy



Original Color

23.8674, 26.9776, 20.1689

Protanomaly

24.7429, 26.7640, 19.7815

Deuteranomaly

25.9026, 26.6948, 20.3104

Tritanomaly

25.4158, 26.9318, 27.9036

Monochromacy



Original Color

23.8674, 26.9776, 20.1689

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.5850, 26.5601, 25.3036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8674, 26.9776, 20.1689 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(139, 145, 115)` looks like.

```
.text, #text, p{  
    color:rgb(139, 145, 115)  
}
```

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(139, 145, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 145, 115) }
```

Border

The CSS property to change the border of an element to XYZ 23.8674, 26.9776, 20.1689 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(139, 145, 115) }
```


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

```
.border{ border-color:rgb(139, 145, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 145, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 145, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 145, 115);  
box-shadow:4px 4px 4px 4px rgb(139, 145,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8674, 26.9776, 20.1689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 145, 115) }
```

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

```
.background{ background-color: rgb(139,  
145, 115) }
```

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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