

Converting Colors

XYZ(23.2746, 26.4970, 17.7977)

Have a look what the booklet for
XYZ(23.2746, 26.4970, 17.7977)
contains.

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Color

**XYZ(23.2746, 26.4970,
17.7977)**

Conversions

Conversions Part 1

Format	Color
Hex	8B906B
RGB	139, 144, 107
RGB Percent	55%, 56%, 42%
CMY	0.4549, 0.4353, 0.5804
CMYK	0.03, 0.00, 0.26, 0.44
HSL	68°, 15%, 49%
HSV	68°, 26%, 56%
XYZ	23.2746, 26.4970, 17.7977
YIQ	138.2870, 8.8970, -12.5670

Conversions

Conversions Part 2

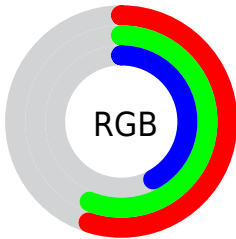
Format	Color
RYB	107, 144, 112
Decimal	9146475
CIELab	58.51, -8.33, 19.11
CIELCh	59, 20.843, 113.565
Yxy	26.4970, 0.3445, 0.3921
Android (android.graphics.Color)	4287336555 (0xFF8B906B)
YUV	138.2870, -15.4245, 0.6253
Hunter-Lab	51.4752, -9.3726, 15.5330

Details

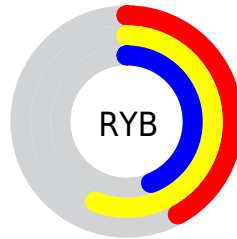
The XYZ color **23.2746, 26.4970, 17.7977** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.9748, 15.9745, 28.5757**, and the grayscale version is **24.3224, 25.5891, 27.8665**.

A 20% lighter version of the original color is **48.4444, 54.2288, 40.7148**, and **8.9119, 10.4450, 5.6841** is the 20% darker color. If you saturate the color by 10%, you get **22.2573, 26.0537, 14.1193**, and if you desaturate by 10%, it is **24.4253, 26.9961, 22.1421**.

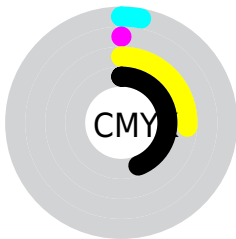
Distribution



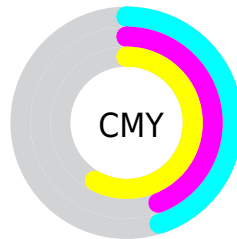
- Red (55%)
- Green (56%)
- Blue (42%)



- Red (42%)
- Yellow (56%)
- Blue (44%)



- Cyan (3%)
- Magenta (0%)
- Yellow (26%)
- Black (44%)



- Cyan (45%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2746, 26.4970, 17.7977 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 23.2746, 26.4970, 17.7977 by changing the saturation by 10% instead.

■ 23.2746, 26.4970,
17.7977

■ 23.2746, 26.4970,
17.7977

261.6413,
285.2134, 251.9260

■ 14.9182, 17.1958,
10.6369

■ 48.3072, 54.0757,
40.5016

■ 8.8479, 10.3742,
5.7122

■ 65.7141, 73.1219,
56.8817

■ 4.6984, 5.6478,
2.6049

■ 86.8685, 96.1853,
77.1721

■ 2.1044, 2.6321,
0.8950

■ 112.1359,
123.6503, 101.7912

■ 0.6916, 0.9428,
0.0000

141.8815,
155.9011, 131.1577

■ 0.0000, 0.0000,
0.0000

176.4707,

193.3224, 165.6899

216.2688,
236.2983, 205.8065

■ 23.2746, 26.4970,
17.7977

■ 23.2746, 26.4970,
17.7977

■ 22.2573, 26.0537,
14.1193

■ 24.4253, 26.9961,
22.1421

■ 21.3650, 25.6603,
11.0724

■ 25.7131, 27.5498,
27.1813

■ 20.5916, 25.3150,
8.6218

■ 27.1443, 28.1615,
32.9448

■ 19.9297, 25.0150,
6.7282

■ 28.7240, 28.8333,
39.4596

■ 19.3708, 24.7569,
5.3477

■ 30.4571, 29.5671,
46.7513

■ 18.9054, 24.5368,
4.4298

■ 32.3482, 30.3649,
54.8446

■ 18.5196, 24.3492,
3.9018

■ 34.4019, 31.2283,
63.7627

■ 18.3633, 24.2725,
3.7172

■ 36.6225, 32.1592,
73.5281

■ 39.0140, 33.1592,
84.1624

Harmonies

Analogous

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



25.7382, 26.4970, 17.0246



23.2746, 26.4970, 17.7977



21.4419, 26.4970, 21.2879

Triad

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



23.2746, 26.4970, 17.7977



22.3831, 26.4970, 41.6885



30.3784, 26.4970, 30.4535

Complementary

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



23.2746, 26.4970, 17.7977



16.9748, 15.9745, 28.5757

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.



29.3393, 26.4970, 38.0211



23.2746, 26.4970, 17.7977



24.6390, 26.4970, 45.1770

Square

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



23.2746, 26.4970, 17.7977



20.9520, 26.4970, 34.8373



27.1963, 26.4970, 43.7328



29.9520, 26.4970, 23.5925

Rectangle

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



23.2746, 26.4970, 17.7977



20.7680, 26.4970, 25.0570



27.1963, 26.4970, 43.7328



30.1868, 26.4970, 33.0093

Sweetspot

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



23.2753, 26.4982, 17.7983



44.7657, 48.3384, 45.6280



19.9432, 18.5652, 16.4427



10.1919, 11.0534, 10.1730



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.



23.2753, 26.4982, 17.7983



39.9561, 46.2574, 27.3981



20.4526, 25.0430, 17.6662



5.7689, 6.2490, 5.7915



16.0045, 21.1432, 3.2375



0.1658, 0.2088, 0.0316

Inverse Universe

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



16.9748, 15.9745, 28.5757



26.8493, 24.3607, 49.8250



19.5651, 17.3098, 28.6969



5.1932, 5.2878, 6.7757



4.6383, 1.8847, 23.0964



0.0549, 0.0234, 0.2213

Previews

White Background



This preview shows how the XYZ color 23.2746, 26.4970, 17.7977 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 23.2746, 26.4970, 17.7977 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

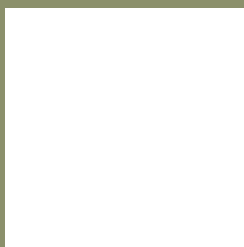
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.2746, 26.4970, 17.7977

Background



This preview shows how black text looks on a background with the XYZ color 23.2746, 26.4970, 17.7977.



This preview shows how white text looks on a background with the XYZ color 23.2746, 26.4970,

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

23.2746, 26.4970, 17.7977

Protanopia

24.6904, 26.3554, 17.1504

Deuteranopia

26.9413, 26.4314, 18.1498



Tritanopia

26.1903, 26.3666, 32.1427

Trichromacy



Original Color

23.2746, 26.4970, 17.7977

Protanomaly

24.1590, 26.2934, 17.4375

Deuteranomaly

25.5056, 26.3276, 17.9248

Tritanomaly

25.0089, 26.3170, 26.3158

Monochromacy



Original Color

23.2746, 26.4970, 17.7977

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.6901, 25.6917, 23.7891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2746, 26.4970, 17.7977 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, 144, 107)` looks like.

```
.text, #text, p{  
    color:rgb(139, 144, 107)  
}
```

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, 144, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 144, 107) }
```

Border

The CSS property to change the border of an element to XYZ 23.2746, 26.4970, 17.7977 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, 144, 107) }
```


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

```
.border{ border-color:rgb(139, 144, 107) }
```

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

Here you see how a box with a 4 pixel rgb(139, 144, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 144, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 144, 107);  
box-shadow:4px 4px 4px 4px rgb(139, 144,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2746, 26.4970, 17.7977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 144, 107) }
```

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

```
.background{ background-color: rgb(139,  
144, 107) }
```

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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