

Converting Colors

XYZ(23.2923, 26.0561, 18.6966)

Have a look what the booklet for
XYZ(23.2923, 26.0561, 18.6966)
contains.

XYZ(23.3575, 26.0691, 18.8397)	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(23.3575, 26.0691,
18.8397)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8E6F
RGB	140, 142, 111
RGB Percent	55%, 56%, 44%
CMY	0.4510, 0.4431, 0.5647
CMYK	0.01, 0.00, 0.22, 0.44
HSL	64°, 12%, 50%
HSV	64°, 22%, 56%
XYZ	23.3575, 26.0691, 18.8397
YIQ	137.8680, 8.7590, -10.0650

Conversions

Conversions Part 2

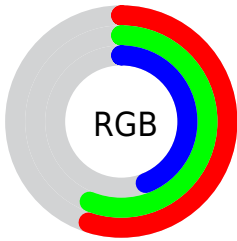
Format	Color
R_{YB}	111, 142, 113
Decimal	9211503
CIE Lab	58.10, -6.22, 16.32
CIE LCh	58, 17.463, 110.880
Yxy	26.0691, 0.3422, 0.3819
Android (android.graphics.Color)	4287401583 (0xFF8C8E6F)
YUV	137.8680, -13.2459, 1.8698
Hunter-Lab	51.0579, -7.6928, 13.8633

Details

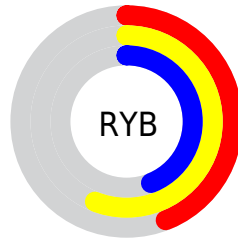
The XYZ color **23.3575, 26.0691, 18.8397** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.3779, 16.8332, 27.9257**, and the grayscale version is **24.1543, 25.4122, 27.6738**.

A 20% lighter version of the original color is **48.5989, 53.5935, 42.4335**, and **8.9408, 10.1868, 6.1977** is the 20% darker color. If you saturate the color by 10%, you get **22.4833, 25.7025, 15.0367**, and if you desaturate by 10%, it is **24.3587, 26.4884, 23.2986**.

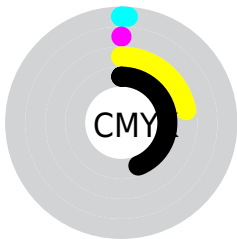
Distribution



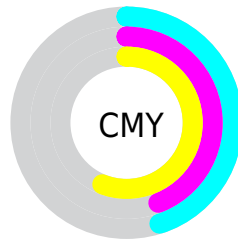
- Red (55%)
- Green (56%)
- Blue (44%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (22%)
- Black (44%)



- Cyan (45%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3575, 26.0691, 18.8397 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 23.3575, 26.0691, 18.8397 by changing the saturation by 10% instead.

■ 23.3575, 26.0691,
18.8397

■ 23.3575, 26.0691,
18.8397

262.0571,
283.1211, 257.9555

■ 14.9799, 16.8753,
11.3789

■ 48.4420, 53.3864,
42.2961

■ 8.8915, 10.1457,
6.2049

■ 65.8796, 72.2787,
59.1288

■ 4.7270, 5.4956,
2.8993

■ 87.0679, 95.1727,
79.9225

■ 2.1211, 2.5409,
1.0434

■ 112.3722,
122.4527, 105.0958

■ 0.7006, 0.8971,
0.0000

142.1579,
154.5032, 135.0672

■ 0.0000, 0.0000,
0.0000

176.7904,

191.7085, 170.2553

216.6350,
234.4530, 211.0786

■ 23.3575, 26.0691,
18.8397

■ 23.3575, 26.0691,
18.8397

■ 22.4833, 25.7025,
15.0367

■ 24.3587, 26.4884,
23.2986

■ 21.7282, 25.3829,
11.8572

■ 25.4902, 26.9591,
28.4405

■ 21.0866, 25.1087,
9.2682

■ 26.7581, 27.4845,
34.2932

■ 20.5514, 24.8773,
7.2333

■ 28.1670, 28.0664,
40.8823

■ 20.1150, 24.6856,
5.7121

■ 29.7217, 28.7068,
48.2321

■ 19.7687, 24.5300,
4.6584

■ 31.4266, 29.4075,
56.3658

■ 19.5022, 24.4065,
4.0181

■ 33.2859, 30.1700,
65.3058

■ 19.3197, 24.3198,
3.6759

■ 35.3036, 30.9961,
75.0734

■ 37.4837, 31.8872,
85.6891

Harmonies

Analogous

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



25.4277, 26.0691, 18.3740



23.3575, 26.0691, 18.8397



21.7568, 26.0691, 21.6562

Triad

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



23.3575, 26.0691, 18.8397



22.3011, 26.0691, 38.4060



29.0111, 26.0691, 30.2700

Complementary

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



23.3575, 26.0691, 18.8397



17.3779, 16.8332, 27.9257

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.



28.0665, 26.0691, 36.3801



23.3575, 26.0691, 18.8397



24.1393, 26.0691, 41.4974

Square

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



23.3575, 26.0691, 18.8397



21.1714, 26.0691, 32.7384



26.2547, 26.0691, 40.7075



28.7723, 26.0691, 24.4354

Rectangle

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



23.3575, 26.0691, 18.8397



21.1330, 26.0691, 24.7405



26.2547, 26.0691, 40.7075



28.8195, 26.0691, 32.3705

Sweetspot

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



23.3582, 26.0703, 18.8403



43.8579, 47.0848, 45.1790



19.8804, 18.6092, 17.5834



9.7746, 10.5077, 9.9945



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.3582, 26.0703, 18.8403



40.4347, 45.6542, 29.9229



20.9933, 24.8511, 18.7296



5.8056, 6.2679, 5.7932



17.3512, 21.8375, 3.3005



0.1726, 0.2122, 0.0319

Inverse Universe

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



17.3779, 16.8332, 27.9257



28.0335, 26.4984, 48.7651



19.4773, 17.9155, 28.0240



5.1599, 5.2706, 6.7741



4.4930, 1.8098, 23.0896



0.0481, 0.0200, 0.2210

Previews

White Background



This preview shows how the XYZ color 23.3575, 26.0691, 18.8397 looks on a white background.

Color Contrast Check

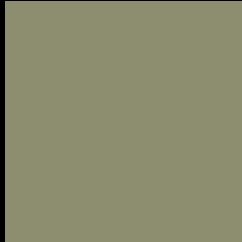
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3575, 26.0691, 18.8397 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

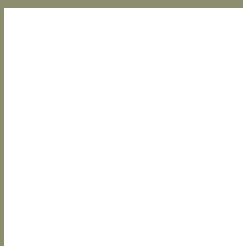
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3575, 26.0691, 18.8397

Background



This preview shows how black text looks on a background with the XYZ color 23.3575, 26.0691, 18.8397.



This preview shows how white text looks on a background with the XYZ color 23.3575, 26.0691,

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

23.3575, 26.0691, 18.8397

Protanopia

24.4415, 25.9806, 18.4784

Deuteranopia

26.4060, 25.9238, 19.2348



Tritanopia

25.9680, 26.0492, 31.6763

Trichromacy



Original Color

23.3575, 26.0691, 18.8397

Protanomaly

24.0466, 25.9929, 18.5016

Deuteranomaly

25.1967, 25.9312, 19.0064

Tritanomaly

24.9335, 26.0541, 26.6365

Monochromacy



Original Color

23.3575, 26.0691, 18.8397

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.7764, 25.5127, 24.0934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3575, 26.0691, 18.8397 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(140, 142, 111)` looks like.

```
.text, #text, p{  
    color:rgb(140, 142, 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(140, 142, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 142, 111) }
```

Border

The CSS property to change the border of an element to XYZ 23.3575, 26.0691, 18.8397 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(140, 142, 111) }
```


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

```
.border{ border-color:rgb(140, 142, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 142, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 142, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 142, 111);  
box-shadow:4px 4px 4px 4px rgb(140, 142,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3575, 26.0691, 18.8397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 142, 111) }
```

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

```
.background{ background-color: rgb(140,  
142, 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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