

Converting Colors

XYZ(23.8451, 26.3020, 17.6286)

Have a look what the booklet for
XYZ(23.8451, 26.3020, 17.6286)
contains.

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Color

**XYZ(23.8284, 26.3368,
17.7375)**

Conversions

Conversions Part 1

Format	Color
Hex	908E6B
RGB	144, 142, 107
RGB Percent	56%, 56%, 42%
CMY	0.4353, 0.4431, 0.5804
CMYK	0.00, 0.01, 0.26, 0.44
HSL	57°, 15%, 49%
HSV	57°, 26%, 56%
XYZ	23.8284, 26.3368, 17.7375
YIQ	138.6080, 12.4270, -10.4610

Conversions

Conversions Part 2

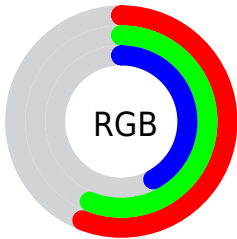
Format	Color
R_{YB}	109, 144, 107
Decimal	9473643
CIE _{Lab}	58.36, -5.22, 18.97
CIE _{LCh}	58, 19.675, 105.394
Yxy	26.3368, 0.3509, 0.3879
Android (android.graphics.Color)	4287663723 (0xFF908E6B)
YUV	138.6080, -15.5827, 4.7288
Hunter-Lab	51.3194, -6.9286, 15.4312

Details

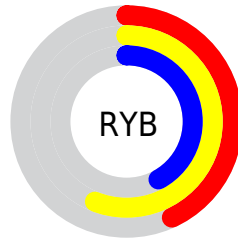
The XYZ color **23.8284, 26.3368, 17.7375** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.5660, 16.0762, 28.6155**, and the grayscale version is **24.4451, 25.7181, 28.0070**.

A 20% lighter version of the original color is **49.2866, 53.9888, 40.6241**, and **9.1308, 10.2972, 5.6440** is the 20% darker color. If you saturate the color by 10%, you get **23.0181, 25.8293, 14.0359**, and if you desaturate by 10%, it is **24.7670, 26.8988, 22.1050**.

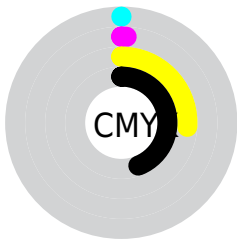
Distribution



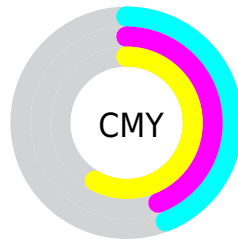
- Red (56%)
- Green (56%)
- Blue (42%)



- Red (43%)
- Yellow (56%)
- Blue (42%)



- Cyan (0%)
- Magenta (1%)
- Yellow (26%)
- Black (44%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8284, 26.3368, 17.7375 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 23.8284, 26.3368, 17.7375 by changing the saturation by 10% instead.

■ 23.8284, 26.3368,
17.7375

■ 23.8284, 26.3368,
17.7375

264.4084,
284.4315, 251.5735

■ 15.3304, 17.0758,
10.5942

■ 49.2067, 53.8178,
40.3974

■ 9.1394, 10.2885,
5.6840

■ 66.8178, 72.8065,
56.7511

■ 4.8901, 5.5907,
2.5882

■ 88.1973, 95.8067,
77.0120

■ 2.2170, 2.5978,
0.8864

■ 113.7106,
123.2025, 101.5986

■ 0.7517, 0.9256,
0.0000

143.7230,
155.3786, 130.9296

■ 0.0000, 0.0000,
0.0000

178.5998,

192.7191, 165.4233

218.7065,
235.6087, 205.4985

■ 23.8284, 26.3368,
17.7375

■ 23.8284, 26.3368,
17.7375

■ 23.0181, 25.8293,
14.0359

■ 24.7670, 26.8988,
22.1050

■ 22.3279, 25.3701,
10.9657

■ 25.8378, 27.5140,
27.1675

■ 21.7517, 24.9579,
8.4918

■ 27.0469, 28.1859,
32.9541

■ 21.2820, 24.5895,
6.5749

■ 28.3994, 28.9164,
39.4919

■ 20.9105, 24.2617,
5.1711

■ 29.9002, 29.7075,
46.8067

■ 20.6276, 23.9707,
4.2298

■ 31.5539, 30.5611,
54.9229

■ 20.4195, 23.7108,
3.6785

■ 33.3650, 31.4790,
63.8639

■ 20.3382, 23.6026,
3.4838

■ 35.3378, 32.4628,
73.6522

■ 37.4764, 33.5142,
84.3093

Harmonies

Analogous

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



26.2130, 26.3368, 17.7034



23.8284, 26.3368, 17.7375



21.8915, 26.3368, 20.3680

Triad

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



23.8284, 26.3368, 17.7375



21.9325, 26.3368, 39.1407



29.7638, 26.3368, 32.1363

Complementary

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



23.8284, 26.3368, 17.7375



16.5660, 16.0762, 28.6155

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.



28.4601, 26.3368, 38.9830



23.8284, 26.3368, 17.7375



23.8877, 26.3368, 43.4441

Square

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



23.8284, 26.3368, 17.7375



20.8455, 26.3368, 32.3258



26.2762, 26.3368, 43.3822



29.7453, 26.3368, 25.3124

Rectangle

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



23.8284, 26.3368, 17.7375



21.0704, 26.3368, 23.5226



26.2762, 26.3368, 43.3822



29.4621, 26.3368, 34.5326

Sweetspot

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



23.8291, 26.3380, 17.7381



45.0830, 48.2511, 45.5944



19.5450, 17.5592, 16.9595



10.2770, 11.0299, 10.1640



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.



23.8291, 26.3380, 17.7381



41.1527, 45.9101, 27.2680



21.5243, 25.5948, 17.7161



5.8150, 6.2363, 5.7866



17.7165, 20.5646, 3.0356



0.1743, 0.2065, 0.0307

Inverse Universe

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



16.5660, 16.0762, 28.6155



26.0392, 24.5579, 49.9058



18.4651, 16.7427, 28.6440



5.1515, 5.2988, 6.7800



4.4629, 1.9118, 23.1109



0.0464, 0.0257, 0.2222

Previews

White Background



This preview shows how the XYZ color 23.8284, 26.3368, 17.7375 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 23.8284, 26.3368, 17.7375 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

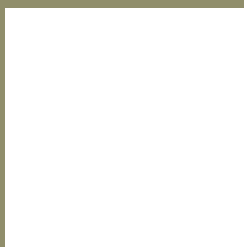
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.8284, 26.3368, 17.7375

Background



This preview shows how black text looks on a background with the XYZ color 23.8284, 26.3368, 17.7375.



This preview shows how white text looks on a background with the XYZ color 23.8284, 26.3368,

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

23.8284, 26.3368, 17.7375

Protanopia

24.5573, 26.2808, 17.4141

Deuteranopia

26.7341, 26.3246, 18.1401



Tritanopia

26.6065, 26.3875, 31.2947

Trichromacy



Original Color

23.8284, 26.3368, 17.7375

Protanomaly

24.3391, 26.3863, 17.4459

Deuteranomaly

25.6999, 26.4278, 17.9339

Tritanomaly

25.4301, 26.3342, 25.5725

Monochromacy



Original Color

23.8284, 26.3368, 17.7375

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.1934, 25.9512, 23.8126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8284, 26.3368, 17.7375 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(144, 142, 107)` looks like.

```
.text, #text, p{  
    color:rgb(144, 142, 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(144, 142, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 142, 107) }
```

Border

The CSS property to change the border of an element to XYZ 23.8284, 26.3368, 17.7375 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(144, 142, 107) }
```


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

```
.border{ border-color:rgb(144, 142, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 142, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 142, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 142, 107);  
box-shadow:4px 4px 4px 4px rgb(144, 142,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8284, 26.3368, 17.7375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 142, 107) }
```

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

```
.background{ background-color: rgb(144,  
142, 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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