

Converting Colors

XYZ(23.6120, 21.7011, 17.8882)

Have a look what the booklet for
XYZ(23.6120, 21.7011, 17.8882)
contains.

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Color

**XYZ(23.5666, 21.6104,
17.9681)**

Conversions

Conversions Part 1

Format	Color
Hex	9E776F
RGB	158, 119, 111
RGB Percent	62%, 47%, 44%
CMY	0.3804, 0.5333, 0.5647
CMYK	0.00, 0.25, 0.30, 0.38
HSL	10°, 20%, 53%
HSV	10°, 30%, 62%
XYZ	23.5666, 21.6104, 17.9681
YIQ	129.7490, 25.8120, 5.7800

Conversions

Conversions Part 2

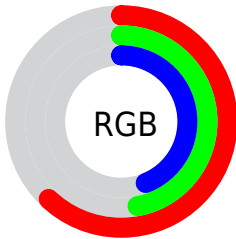
Format	Color
R_{YB}	158, 121, 111
Decimal	10385263
CIE Lab	53.61, 14.07, 10.32
CIE LCh	54, 17.446, 36.259
Yxy	21.6104, 0.3732, 0.3422
Android (android.graphics.Color)	4288575343 (0xFF9E776F)
YUV	129.7490, -9.2433, 24.7761
Hunter-Lab	46.4870, 9.1384, 9.6242

Details

The XYZ color **23.5666, 21.6104, 17.9681** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.6332, 27.6601, 36.4412**, and the grayscale version is **21.1551, 22.2568, 24.2377**.

A 20% lighter version of the original color is **48.6143, 45.9163, 40.9508**, and **8.9131, 7.7425, 5.7273** is the 20% darker color. If you saturate the color by 10%, you get **21.3184, 18.3853, 13.2996**, and if you desaturate by 10%, it is **26.1851, 25.3296, 23.5198**.

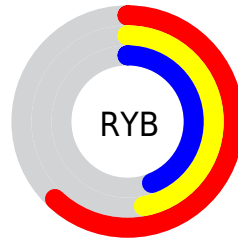
Distribution



Red (62%)

Green (47%)

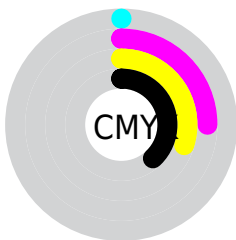
Blue (44%)



Red (62%)

Yellow (47%)

Blue (44%)

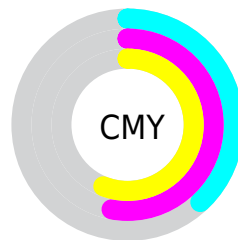


Cyan (0%)

Magenta (25%)

Yellow (30%)

Black (38%)



Cyan (38%)


Magenta (53%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.5666, 21.6104, 17.9681 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 23.5666, 21.6104, 17.9681 by changing the saturation by 10% instead.


 23.5666, 21.6104,
17.9681


 23.5666, 21.6104,
17.9681


263.1033,
260.5049, 252.9213


 15.1354, 13.5709,
10.7579


 48.7819, 46.1012,
40.7962


 9.0014, 7.8228,
5.7922


 66.2967, 63.3213,
57.2511

 4.7992, 3.9818,
2.6524

 87.5701, 84.3705,
77.6247

 2.1635, 1.6634,
0.9193

 112.9674,
109.6330, 102.3354

 0.7234, 0.3998,
0.0000

142.8540,
139.4933, 131.8019

 0.0000, 0.0000,
0.0000

177.5953,

174.3358, 166.4427

217.5566,
214.5448, 206.6763

■ 23.5666, 21.6104,
17.9681

■ 23.5666, 21.6104,
17.9681

■ 21.3184, 18.3853,
13.2996

■ 26.1851, 25.3296,
23.5198

■ 19.4220, 15.6304,
9.4672

■ 29.1879, 29.5593,
29.9956

■ 17.8596, 13.3246,
6.4218

■ 32.5905, 34.3190,
37.4356

■ 16.6114, 11.4437,
4.1082

■ 36.4068, 39.6263,
45.8771

■ 15.6553, 9.9613,
2.4642

■ 40.6504, 45.4977,
55.3553

■ 14.9661, 8.8481,
1.4172

■ 45.3339, 51.9495,
65.9039

■ 14.5002, 8.0647,
0.8039

■ 50.4695, 58.9968,
77.5548

■ 14.4903, 8.0486,
0.7898

■ 56.0691, 66.6545,
90.3389

■ 62.1438, 74.9369,
104.2856

Harmonies

Analogous

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



24.3113, 21.6104, 22.4289



23.5666, 21.6104, 17.9681



22.0165, 21.6104, 15.3318

Triad

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



23.5666, 21.6104, 17.9681



17.4319, 21.6104, 19.6361



20.9332, 21.6104, 35.2746

Complementary

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



23.5666, 21.6104, 17.9681



23.6332, 27.6601, 36.4412

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.



19.1311, 21.6104, 34.2279



23.5666, 21.6104, 17.9681



17.1805, 21.6104, 24.6666

Square

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



23.5666, 21.6104, 17.9681



18.4930, 21.6104, 16.1881



17.7844, 21.6104, 30.1355



22.7328, 21.6104, 32.8116

Rectangle

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



23.5666, 21.6104, 17.9681



20.7747, 21.6104, 14.7043



17.7844, 21.6104, 30.1355



20.3072, 21.6104, 35.3261

Sweetspot

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



23.5672, 21.6114, 17.9685



53.3377, 54.1463, 55.1947



25.3036, 20.8456, 31.6147



11.8439, 11.9531, 12.0504



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.5672, 21.6114, 17.9685



39.8876, 35.0779, 26.5671



26.6926, 27.8623, 19.0104



6.7198, 6.8197, 6.9478



11.6263, 6.4881, 0.6396



0.2302, 0.1607, 0.0189

Inverse Universe

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



23.6332, 27.6601, 36.4412



40.0203, 47.9381, 65.8871



20.2737, 20.9412, 35.3213



6.7257, 7.3171, 8.4645



11.4785, 15.0484, 28.2069



0.2284, 0.3155, 0.5121

Previews

White Background



This preview shows how the XYZ color 23.5666, 21.6104, 17.9681 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 23.5666, 21.6104, 17.9681 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 23.5666, 21.6104, 17.9681

Background



This preview shows how black text looks on a background with the XYZ color 23.5666, 21.6104, 17.9681.



This preview shows how white text looks on a background with the XYZ color 23.5666, 21.6104,

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

23.5666, 21.6104, 17.9681

Protanopia

20.7031, 21.7676, 19.6334

Deuteranopia

22.0547, 21.7441, 17.7865



Tritanopia

24.6244, 21.7025, 22.6298

Trichromacy



Original Color

23.5666, 21.6104, 17.9681

Protanomaly

21.6986, 21.7218, 18.9687

Deuteranomaly

22.5365, 21.6242, 17.7379

Tritanomaly

24.2277, 21.7083, 21.0023

Monochromacy



Original Color

23.5666, 21.6104, 17.9681

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.8512, 21.9272, 21.8196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5666, 21.6104, 17.9681 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(158, 119, 111)` looks like.

```
.text, #text, p{  
    color:rgb(158, 119, 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(158, 119, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 119, 111) }
```

Border

The CSS property to change the border of an element to XYZ 23.5666, 21.6104, 17.9681 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(158, 119, 111) }
```


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

```
.border{ border-color:rgb(158, 119, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 119, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 119, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 119, 111);  
box-shadow:4px 4px 4px 4px rgb(158, 119,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5666, 21.6104, 17.9681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 119, 111) }
```

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

```
.background{ background-color: rgb(158,  
119, 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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