

Converting Colors

XYZ(23.0514, 21.6341, 21.0501)

Have a look what the booklet for
XYZ(23.0514, 21.6341, 21.0501)
contains.

XYZ(23.0511, 21.6345, 21.0501)	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(23.0511, 21.6345,
21.0501)**

Conversions

Conversions Part 1

Format	Color
Hex	977979
RGB	151, 121, 121
RGB Percent	59%, 47%, 47%
CMY	0.4078, 0.5255, 0.5255
CMYK	0.00, 0.20, 0.20, 0.41
HSL	0°, 13%, 53%
HSV	0°, 20%, 59%
XYZ	23.0511, 21.6345, 21.0501
YIQ	129.9700, 17.8800, 6.3600

Conversions

Conversions Part 2

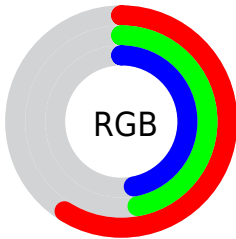
Format	Color
R_{YB}	151, 121, 121
Decimal	9927033
CIE Lab	53.64, 11.65, 4.42
CIE LCh	54, 12.459, 20.773
Yxy	21.6345, 0.3507, 0.3291
Android (android.graphics.Color)	4288117113 (0xFF977979)
YUV	129.9700, -4.4222, 18.4433
Hunter-Lab	46.5129, 7.0644, 5.7265

Details

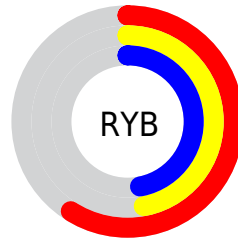
The XYZ color **23.0511, 21.6345, 21.0501** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.5376, 28.4320, 33.4732**, and the grayscale version is **21.2187, 22.3237, 24.3105**.

A 20% lighter version of the original color is **47.9400, 46.0261, 45.8924**, and **8.7755, 7.8251, 7.3512** is the 20% darker color. If you saturate the color by 10%, you get **20.5032, 17.9064, 15.9843**, and if you desaturate by 10%, it is **26.0323, 25.9970, 26.9761**.

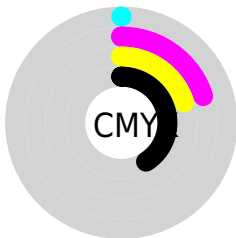
Distribution



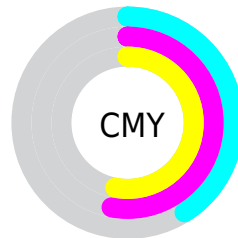
- Red (59%)
- Green (47%)
- Blue (47%)



- Red (59%)
- Yellow (47%)
- Blue (47%)



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (41%)



- Cyan (41%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0511, 21.6345, 21.0501 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 23.0511, 21.6345, 21.0501 by changing the saturation by 10% instead.

■ 23.0511, 21.6345,
21.0501

■ 23.0511, 21.6345,
21.0501

260.5178,
260.6316, 270.3344

■ 14.7521, 13.5886,
12.9690

■ 47.9433, 46.1412,
46.0528

■ 8.7308, 7.8351,
7.2767

■ 65.2672, 63.3707,
63.8115

■ 4.6217, 3.9896,
3.5547

■ 86.3301, 84.4302,
85.6331

■ 2.0595, 1.6677,
1.3844

111.4975,
109.7041, 111.9362

■ 0.6671, 0.4026,
0.1295

141.1345,
139.5768, 143.1394

■ 0.0000, 0.0000,
0.0000

175.6067,

174.4327, 179.6611

215.2793,
214.6561, 221.9199

■ 23.0511, 21.6345,
21.0501

■ 23.0511, 21.6345,
21.0501

■ 20.5032, 17.9064,
15.9843

■ 26.0323, 25.9970,
26.9761

■ 18.3669, 14.7803,
11.7374

■ 29.4639, 31.0183,
33.7980

■ 16.6211, 12.2257,
8.2668

■ 33.3640, 36.7252,
41.5516

■ 15.2422, 10.2079,
5.5256

■ 37.7494, 43.1421,
50.2699

■ 14.2040, 8.6886,
3.4619

■ 42.6359, 50.2923,
59.9844

■ 13.4769, 7.6247,
2.0167

■ 48.0387, 58.1980,
70.7255

■ 13.0263, 6.9653,
1.1211

■ 53.9723, 66.8803,
82.5217

■ 12.7661, 6.5845,
0.6038

■ 60.4506, 76.3597,
95.4010

■ 12.7628, 6.5797,
0.5973

■ 66.5727, 85.3194,
107.5673

Harmonies

Analogous

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



23.1953, 21.6345, 24.7519



23.0511, 21.6345, 21.0501



22.2251, 21.6345, 18.3202

Triad

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



23.0511, 21.6345, 21.0501



18.6426, 21.6345, 19.2165



20.1551, 21.6345, 31.5611

Complementary

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



23.0511, 21.6345, 21.0501



24.5376, 28.4320, 33.4732

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.



18.9858, 21.6345, 29.7056



23.0511, 21.6345, 21.0501



18.1377, 21.6345, 22.3999

Square

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



23.0511, 21.6345, 21.0501



19.6681, 21.6345, 17.3436



18.2606, 21.6345, 26.2539



21.4845, 21.6345, 31.0994

Rectangle

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



23.0511, 21.6345, 21.0501



21.4177, 21.6345, 17.2885



18.2606, 21.6345, 26.2539



19.7312, 21.6345, 31.1808

Sweetspot

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



23.0517, 21.6355, 21.0505



48.8268, 49.7857, 52.6969



25.1861, 22.4887, 32.2918



11.0177, 11.1987, 11.8184



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.0517, 21.6355, 21.0505



39.0829, 35.5277, 33.3261



25.0182, 25.5684, 21.7060



6.2088, 6.2228, 6.4797



10.8575, 5.5975, 0.5082



0.1623, 0.0837, 0.0076

Inverse Universe

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



24.5376, 28.4320, 33.4732



42.2574, 50.0484, 59.8668



22.2755, 23.9080, 32.7192



6.3846, 7.0265, 7.9487



14.1649, 20.7265, 28.1618



0.2118, 0.3099, 0.4210

Previews

White Background



This preview shows how the XYZ color 23.0511, 21.6345, 21.0501 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 23.0511, 21.6345, 21.0501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

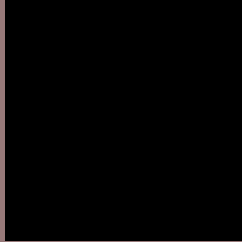
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.0511, 21.6345, 21.0501

Background



This preview shows how black text looks on a background with the XYZ color 23.0511, 21.6345, 21.0501.



This preview shows how white text looks on a background with the XYZ color 23.0511, 21.6345,

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

23.0511, 21.6345, 21.0501

Protanopia

20.7809, 21.7443, 22.5038

Deuteranopia

22.0994, 21.7007, 20.7932



Tritanopia

23.6278, 21.6933, 23.7108

Trichromacy



Original Color

23.0511, 21.6345, 21.0501

Protanomaly

21.4529, 21.5257, 22.0930

Deuteranomaly

22.5057, 21.7250, 20.7765

Tritanomaly

23.4313, 21.6147, 22.6758

Monochromacy



Original Color

23.0511, 21.6345, 21.0501

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.9014, 22.1143, 23.1928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0511, 21.6345, 21.0501 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(151, 121, 121)` looks like.

```
.text, #text, p{  
    color:rgb(151, 121, 121)  
}
```

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(151, 121, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 121, 121) }
```

Border

The CSS property to change the border of an element to XYZ 23.0511, 21.6345, 21.0501 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(151, 121, 121) }
```


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

```
.border{ border-color:rgb(151, 121, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 121, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 121, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 121, 121);  
box-shadow:4px 4px 4px 4px rgb(151, 121,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0511, 21.6345, 21.0501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 121, 121) }
```

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

```
.background{ background-color: rgb(151,  
121, 121) }
```

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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