

Converting Colors

XYZ(23.1271, 27.9770, 21.2151)

Have a look what the booklet for
XYZ(23.1271, 27.9770, 21.2151)
contains.

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Color

**XYZ(23.0890, 27.9532,
21.3181)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9776
RGB	127, 151, 118
RGB Percent	50%, 59%, 46%
CMY	0.5020, 0.4078, 0.5372
CMYK	0.16, 0.00, 0.22, 0.41
HSL	104°, 14%, 53%
HSV	104°, 22%, 59%
XYZ	23.0890, 27.9532, 21.3181
YIQ	140.0620, -3.7110, -15.3510

Conversions

Conversions Part 2

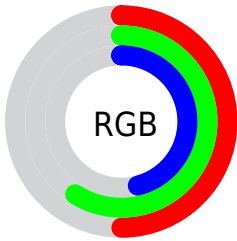
Format	Color
R_{YB}	118, 151, 142
Decimal	8361846
CIE _{Lab}	59.85, -14.95, 14.64
CIE _{LCh}	60, 20.918, 135.599
Yxy	27.9532, 0.3191, 0.3863
Android (android.graphics.Color)	4286551926 (0xFF7F9776)
YUV	140.0620, -10.8766, -11.4554
Hunter-Lab	52.8708, -14.5718, 13.1032

Details

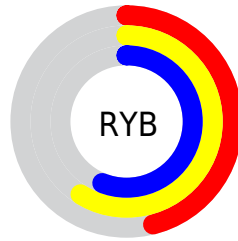
The XYZ color **23.0890, 27.9532, 21.3181** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.2207, 20.9428, 32.0981**, and the grayscale version is **24.9939, 26.2955, 28.6358**.

A 20% lighter version of the original color is **47.9094, 56.2682, 46.3660**, and **8.7232, 11.1343, 7.4837** is the 20% darker color. If you saturate the color by 10%, you get **20.7152, 26.8258, 16.8920**, and if you desaturate by 10%, it is **25.7863, 29.2324, 26.5104**.

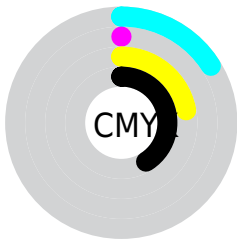
Distribution



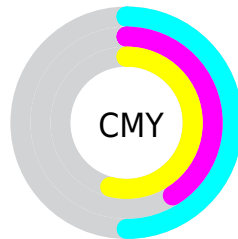
- Red (50%)
- Green (59%)
- Blue (46%)



- Red (46%)
- Yellow (59%)
- Blue (56%)



- Cyan (16%)
- Magenta (0%)
- Yellow (22%)
- Black (41%)



- Cyan (50%)
- Magenta (41%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0890, 27.9532, 21.3181 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 23.0890, 27.9532, 21.3181 by changing the saturation by 10% instead.

■ 23.0890, 27.9532,
21.3181

■ 23.0890, 27.9532,
21.3181

260.7086,
292.2432, 271.8006

■ 14.7803, 18.2904,
13.1632

■ 48.0050, 56.4097,
46.5040

■ 8.7506, 11.1587,
7.4090

■ 65.3430, 75.9722,
64.3721

■ 4.6347, 6.1737,
3.6369

■ 86.4215, 99.6034,
86.3150

■ 2.0671, 2.9510,
1.4283

111.6058,
127.6876, 112.7512

■ 0.6712, 1.1062,
0.1637

141.2613,
160.6093, 144.0994

■ 0.0000, 0.0000,
0.0000

175.7534,

198.7529, 180.7779

215.4474,
242.5027, 223.2055

■ 23.0890, 27.9532,
21.3181

■ 23.0890, 27.9532,
21.3181

■ 20.7152, 26.8258,
16.8920

■ 25.7863, 29.2324,
26.5104

■ 18.6502, 25.8410,
13.1941

■ 28.8166, 30.6651,
32.5010

■ 16.8814, 24.9938,
10.1859

■ 32.1920, 32.2577,
39.3221

■ 15.3942, 24.2779,
7.8246

■ 35.9231, 34.0150,
47.0039

■ 14.1731, 23.6862,
6.0625

■ 40.0200, 35.9416,
55.5749

■ 13.2006, 23.2107,
4.8457

■ 44.4925, 38.0419,
65.0622

■ 12.4568, 22.8428,
4.1101

■ 49.3501, 40.3202,
75.4920

■ 11.9887, 22.6094,
3.7322

■ 54.6017, 42.7807,
86.8892

■ 60.2562, 45.4274,
99.2781

Harmonies

Analogous

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



25.2207, 27.9532, 18.4246



23.0890, 27.9532, 21.3181



21.9288, 27.9532, 26.9464

Triad

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



23.0890, 27.9532, 21.3181



25.3204, 27.9532, 46.8882



31.7897, 27.9532, 26.6752

Complementary

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



23.0890, 27.9532, 21.3181



23.2207, 20.9428, 32.0981

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.



31.8208, 27.9532, 34.2152



23.0890, 27.9532, 21.3181



27.9638, 27.9532, 46.7828

Square

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



23.0890, 27.9532, 21.3181



23.1578, 27.9532, 42.1096



30.3815, 27.9532, 41.8419



30.2991, 27.9532, 21.1481

Rectangle

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



23.0890, 27.9532, 21.3181



21.8094, 27.9532, 31.8837



30.3815, 27.9532, 41.8419



31.9743, 27.9532, 29.0333

Sweetspot

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



23.0897, 27.9544, 21.3187



48.6609, 53.5239, 52.3512



25.6546, 27.1305, 21.0245



10.9960, 12.1350, 11.7724



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.



23.0897, 27.9544, 21.3187



39.2947, 49.0850, 34.3124



22.2499, 27.4705, 23.5825



6.2824, 7.0030, 6.6264



10.2231, 19.2461, 3.1761



0.1843, 0.3039, 0.0490

Inverse Universe

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



23.2207, 20.9428, 32.0981



39.5676, 34.3411, 56.9767



24.2645, 21.5459, 29.2065



6.2969, 6.2389, 7.8013



10.2321, 4.7259, 25.2806



0.1871, 0.0883, 0.3795

Previews

White Background



This preview shows how the XYZ color 23.0890, 27.9532, 21.3181 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 23.0890, 27.9532, 21.3181 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 23.0890, 27.9532, 21.3181

Background



This preview shows how black text looks on a background with the XYZ color 23.0890, 27.9532, 21.3181.



This preview shows how white text looks on a background with the XYZ color 23.0890, 27.9532,

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

23.0890, 27.9532, 21.3181

Protanopia

26.1474, 27.9337, 19.9332

Deuteranopia

28.2656, 27.6644, 21.9392



Tritanopia

26.0376, 27.9786, 35.9264

Trichromacy



Original Color

23.0890, 27.9532, 21.3181

Protanomaly

25.0298, 28.0345, 20.3116

Deuteranomaly

26.1615, 27.6764, 21.7325

Tritanomaly

24.9079, 27.9883, 30.0761

Monochromacy



Original Color

23.0890, 27.9532, 21.3181

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.1298, 26.7634, 25.7239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0890, 27.9532, 21.3181 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(127, 151, 118)` looks like.

```
.text, #text, p{  
    color:rgb(127, 151, 118)  
}
```

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(127, 151, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 151, 118) }
```

Border

The CSS property to change the border of an element to XYZ 23.0890, 27.9532, 21.3181 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(127, 151, 118) }
```


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

```
.border{ border-color:rgb(127, 151, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 151, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 151, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 151, 118);  
box-shadow:4px 4px 4px 4px rgb(127, 151,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0890, 27.9532, 21.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 151, 118) }
```

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

```
.background{ background-color: rgb(127,  
151, 118) }
```

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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