

Converting Colors

XYZ(23.0844, 28.4445, 20.8822)

Have a look what the booklet for
XYZ(23.0844, 28.4445, 20.8822)
contains.

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Color

**XYZ(23.0011, 28.4034,
20.7931)**

Conversions

Conversions Part 1

Format	Color
Hex	7D9974
RGB	125, 153, 116
RGB Percent	49%, 60%, 45%
CMY	0.5098, 0.4000, 0.5451
CMYK	0.18, 0.00, 0.24, 0.40
HSL	105°, 15%, 53%
HSV	105°, 24%, 60%
XYZ	23.0011, 28.4034, 20.7931
YIQ	140.4100, -4.8110, -17.4430

Conversions

Conversions Part 2

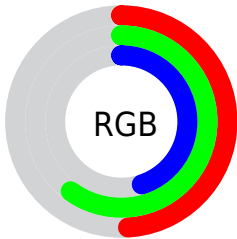
Format	Color
RYB	116, 153, 144
Decimal	8231284
CIELab	60.25, -17.09, 16.30
CIELCh	60, 23.612, 136.359
Yxy	28.4034, 0.3186, 0.3934
Android (android.graphics.Color)	4286421364 (0xFF7D9974)
YUV	140.4100, -12.0341, -13.5146
Hunter-Lab	53.2948, -16.2286, 14.1743

Details

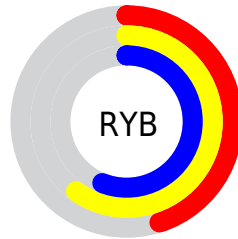
The XYZ color **23.0011, 28.4034, 20.7931** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.4979, 20.7207, 32.8995**, and the grayscale version is **25.1342, 26.4432, 28.7966**.

A 20% lighter version of the original color is **47.7408, 56.9178, 45.5158**, and **8.6964, 11.4160, 7.2140** is the 20% darker color. If you saturate the color by 10%, you get **20.5906, 27.2561, 16.4110**, and if you desaturate by 10%, it is **25.7568, 29.7134, 25.9578**.

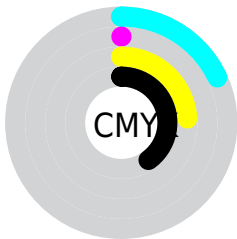
Distribution



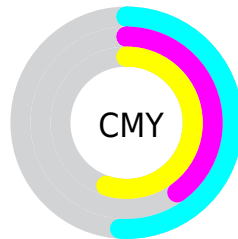
- Red (49%)
- Green (60%)
- Blue (45%)



- Red (45%)
- Yellow (60%)
- Blue (56%)



- Cyan (18%)
- Magenta (0%)
- Yellow (24%)
- Black (40%)



- Cyan (51%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0011, 28.4034, 20.7931 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 23.0011, 28.4034, 20.7931 by changing the saturation by 10% instead.

■ 23.0011, 28.4034,
20.7931

■ 23.0011, 28.4034,
20.7931

260.2659,
294.3895, 268.9217

■ 14.7150, 18.6300,
12.7831

■ 47.8618, 57.1278,
45.6193

■ 8.7046, 11.4032,
7.1504

■ 65.1671, 76.8477,
63.2725

■ 4.6046, 6.3387,
3.4765

■ 86.2095, 100.6517,
84.9772

■ 2.0495, 3.0521,
1.3428

111.3544,
128.9244, 111.1519

■ 0.6616, 1.1590,
0.0965

140.9671,
162.0501, 142.2151

■ 0.0000, 0.0278,
0.0000

175.4131,

■ 0.0000, 0.0000,

200.4133, 178.5855

0.0000

215.0575,
244.3983, 220.6815

■ 23.0011, 28.4034,
20.7931

■ 23.0011, 28.4034,
20.7931

■ 20.5906, 27.2561,
16.4110

■ 25.7568, 29.7134,
25.9578

■ 18.5092, 26.2615,
12.7715

■ 28.8686, 31.1884,
31.9387

■ 16.7426, 25.4140,
9.8339

■ 32.3496, 32.8354,
38.7698

■ 15.2749, 24.7063,
7.5531

■ 36.2116, 34.6596,
46.4824

■ 14.0883, 24.1304,
5.8783

■ 40.4658, 36.6662,
55.1064

■ 13.1633, 23.6776,
4.7515

■ 45.1230, 38.8603,
64.6703

■ 12.4770, 23.3374,
4.1025

■ 50.1937, 41.2464,
75.2013

■ 12.1624, 23.1809,
3.8333

■ 55.6877, 43.8293,
86.7254

■ 61.6147, 46.6133,
99.2678

Harmonies

Analogous

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



25.3907, 28.4034, 17.5349



23.0011, 28.4034, 20.7931



21.7279, 28.4034, 27.1608

Triad

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



23.0011, 28.4034, 20.7931



25.6475, 28.4034, 50.1103



32.9730, 28.4034, 26.4666

Complementary

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



23.0011, 28.4034, 20.7931



23.4979, 20.7207, 32.8995

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.



33.0547, 28.4034, 35.0250



23.0011, 28.4034, 20.7931



28.6687, 28.4034, 49.8286

Square

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



23.0011, 28.4034, 20.7931



23.1769, 28.4034, 44.6205



31.4299, 28.4034, 43.9106



31.2144, 28.4034, 20.3671

Rectangle

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



23.0011, 28.4034, 20.7931



21.6171, 28.4034, 32.8090



31.4299, 28.4034, 43.9106



33.2018, 28.4034, 29.1173

Sweetspot

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



23.0018, 28.4046, 20.7937



49.9836, 55.0402, 53.8756



26.2259, 27.9054, 20.5274



10.9721, 12.1227, 11.7713



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.



23.0018, 28.4046, 20.7937



38.7897, 49.7236, 32.8380



22.3122, 27.9838, 23.7119



6.2659, 6.9945, 6.6257



10.0780, 19.1713, 3.1693



0.1796, 0.3015, 0.0487

Inverse Universe

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



23.4979, 20.7207, 32.8995



39.8308, 33.5315, 58.3449



24.3982, 21.2698, 29.1062



6.3144, 6.2480, 7.8021



10.7124, 4.9735, 25.3031



0.1918, 0.0907, 0.3798

Previews

White Background



This preview shows how the XYZ color 23.0011, 28.4034, 20.7931 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 23.0011, 28.4034, 20.7931 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 23.0011, 28.4034, 20.7931

Background



This preview shows how black text looks on a background with the XYZ color 23.0011, 28.4034, 20.7931.



This preview shows how white text looks on a background with the XYZ color 23.0011, 28.4034,

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

23.0011, 28.4034, 20.7931

Protanopia

26.5676, 28.3892, 19.4086

Deuteranopia

28.7108, 28.1220, 21.3676



Tritanopia

26.2074, 28.2762, 36.8775

Trichromacy



Original Color

23.0011, 28.4034, 20.7931

Protanomaly

25.0721, 28.3014, 19.7640

Deuteranomaly

26.1922, 27.9299, 21.1501

Tritanomaly

24.7586, 28.1452, 30.1142

Monochromacy



Original Color

23.0011, 28.4034, 20.7931

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.2138, 27.0404, 25.4158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0011, 28.4034, 20.7931 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(125, 153, 116)` looks like.

```
.text, #text, p{  
    color:rgb(125, 153, 116)  
}
```

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(125, 153, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 153, 116) }
```

Border

The CSS property to change the border of an element to XYZ 23.0011, 28.4034, 20.7931 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(125, 153, 116) }
```


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

```
.border{ border-color:rgb(125, 153, 116) }
```

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

Here you see how a box with a 4 pixel rgb(125, 153, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 153, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 153, 116);  
box-shadow:4px 4px 4px 4px rgb(125, 153,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0011, 28.4034, 20.7931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 153, 116) }
```

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

```
.background{ background-color: rgb(125,  
153, 116) }
```

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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