

Converting Colors

XYZ(28.4726, 35.5395, 23.9179)

Have a look what the booklet for
XYZ(28.4726, 35.5395, 23.9179)
contains.

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Color

**XYZ(28.5350, 35.6436,
23.7883)**

Conversions

Conversions Part 1

Format	Color
Hex	8BAA7A
RGB	139, 170, 122
RGB Percent	55%, 67%, 48%
CMY	0.4549, 0.3333, 0.5216
CMYK	0.18, 0.00, 0.28, 0.33
HSL	99°, 22%, 57%
HSV	99°, 28%, 67%
XYZ	28.5350, 35.6436, 23.7883
YIQ	155.2590, -3.0680, -21.5000

Conversions

Conversions Part 2

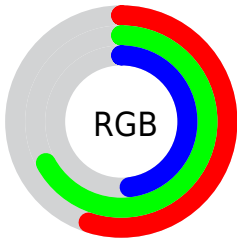
Format	Color
RYB	122, 170, 153
Decimal	9153146
CIELab	66.25, -19.71, 21.35
CIELCh	66, 29.058, 132.720
Yxy	35.6436, 0.3244, 0.4052
Android (android.graphics.Color)	4287343226 (0xFF8BAA7A)
YUV	155.2590, -16.3967, -14.2591
Hunter-Lab	59.7023, -19.1640, 18.1675

Details

The XYZ color **28.5350, 35.6436, 23.7883** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.3537, 23.5947, 41.1448**, and the grayscale version is **31.3426, 32.9748, 35.9096**.

A 20% lighter version of the original color is **56.6554, 68.2830, 50.7513**, and **11.7055, 15.5126, 8.6806** is the 20% darker color. If you saturate the color by 10%, you get **25.8304, 34.3617, 18.6360**, and if you desaturate by 10%, it is **31.6099, 37.0973, 29.9213**.

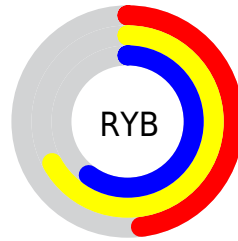
Distribution



Red (55%)

Green (67%)

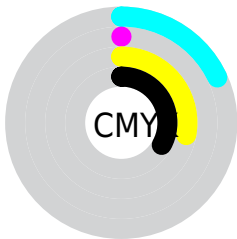
Blue (48%)



Red (48%)

Yellow (67%)

Blue (60%)

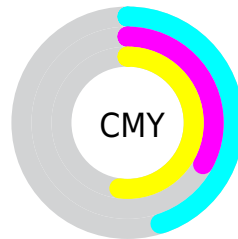


Cyan (18%)

Magenta (0%)

Yellow (28%)

Black (33%)



Cyan (45%)

Magenta (33%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5350, 35.6436, 23.7883 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 28.5350, 35.6436, 23.7883 by changing the saturation by 10% instead.

■ 28.5350, 35.6436,
23.7883

■ 28.5350, 35.6436,
23.7883

287.0485,
327.4001, 285.0005

■ 18.8718, 24.1591,
14.9659

■ 56.7402, 68.4816,
50.6240

■ 11.6812, 15.4517,
8.6491

■ 76.0129, 90.6039,
69.4744

■ 6.5976, 9.1370,
4.4194

■ 99.2195, 117.0409,
92.5046

■ 3.2558, 4.8306,
1.8581

126.7254,
148.1769, 120.1330

■ 1.2905, 2.1482,
0.4659

158.8959,
184.3965, 152.7783

■ 0.1761, 0.6915,
0.0000

196.0963,

■ 0.0000, 0.0000,

226.0840, 190.8589

0.0000

238.6921,
273.6237, 234.7934

■ 28.5350, 35.6436,
23.7883

■ 28.5350, 35.6436,
23.7883

■ 25.8304, 34.3617,
18.6360

■ 31.6099, 37.0973,
29.9213

■ 23.4784, 33.2402,
14.4113

■ 35.0665, 38.7243,
37.0799

■ 21.4637, 32.2737,
11.0595

■ 38.9189, 40.5322,
45.3089

■ 19.7689, 31.4545,
8.5194

■ 43.1798, 42.5264,
54.6497

■ 18.3744, 30.7739,
6.7218

■ 47.8613, 44.7125,
65.1416

■ 17.2584, 30.2226,
5.5857

■ 52.9748, 47.0953,
76.8221

■ 16.3872, 29.7862,
4.9717

■ 58.5315, 49.6800,
89.7269

■ 16.2512, 29.7179,
4.8796

■ 64.0543, 52.2762,
101.3220

■ 67.6258, 54.1174,
101.4892

Harmonies

Analogous

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



32.0767, 35.6436, 19.8792



28.5350, 35.6436, 23.7883



26.5300, 35.6436, 32.1458

Triad

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



28.5350, 35.6436, 23.7883



31.4635, 35.6436, 66.3393



42.6713, 35.6436, 33.7899

Complementary

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



28.5350, 35.6436, 23.7883



27.3537, 23.5947, 41.1448

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.



42.4715, 35.6436, 46.3365



28.5350, 35.6436, 23.7883



35.7458, 35.6436, 67.0440

Square

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



28.5350, 35.6436, 23.7883



28.1191, 35.6436, 57.3500



39.8499, 35.6436, 59.1088



40.3743, 35.6436, 24.7699

Rectangle

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



28.5350, 35.6436, 23.7883



26.2197, 35.6436, 39.9533



39.8499, 35.6436, 59.1088



42.8992, 35.6436, 37.6884

Sweetspot

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



28.5359, 35.6451, 23.7891



63.6814, 70.2859, 67.4011



31.3852, 32.5393, 23.0394



13.9844, 15.5721, 14.5754



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.5359, 35.6451, 23.7891



48.5653, 63.1506, 36.9958



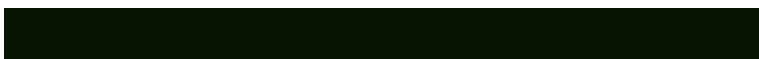
26.3246, 34.4578, 25.8246



7.6781, 8.5321, 8.0315



12.0097, 21.8885, 3.5919



0.3477, 0.5612, 0.0900

Inverse Universe

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



27.3537, 23.5947, 41.1448



46.0503, 37.5744, 73.8273



30.2033, 25.1320, 38.1937



7.5803, 7.5317, 9.4726



10.1115, 4.5961, 28.3297



0.2984, 0.1389, 0.6917

Previews

White Background



This preview shows how the XYZ color 28.5350, 35.6436, 23.7883 looks on a white background.

Color Contrast Check

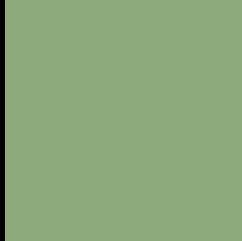
Large Text (above 18pt) WCAG AA × Fail

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 28.5350, 35.6436, 23.7883 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 ✓ Pass

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

XYZ 28.5350, 35.6436, 23.7883

Background



This preview shows how black text looks on a background with the XYZ color 28.5350, 35.6436, 23.7883.



This preview shows how white text looks on a background with the XYZ color 28.5350, 35.6436,

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

28.5350, 35.6436, 23.7883

Protanopia

33.0744, 35.3339, 22.2164

Deuteranopia

35.9963, 35.2832, 24.3152



Tritanopia

32.9663, 35.5320, 46.1952

Trichromacy



Original Color

28.5350, 35.6436, 23.7883

Protanomaly

31.3032, 35.4599, 22.6474

Deuteranomaly

32.7865, 35.1429, 24.1240

Tritanomaly

31.1386, 35.6020, 36.6832

Monochromacy



Original Color

28.5350, 35.6436, 23.7883

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

29.9232, 33.5143, 30.8784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5350, 35.6436, 23.7883 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(139, 170, 122)` looks like.

```
.text, #text, p{  
    color:rgb(139, 170, 122)  
}
```

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(139, 170, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 170, 122) }
```

Border

The CSS property to change the border of an element to XYZ 28.5350, 35.6436, 23.7883 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(139, 170, 122) }
```


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

```
.border{ border-color:rgb(139, 170, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 170, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 170, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 170, 122);  
box-shadow:4px 4px 4px 4px rgb(139, 170,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5350, 35.6436, 23.7883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 170, 122) }
```

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

```
.background{ background-color: rgb(139,  
170, 122) }
```

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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